

Converting Colors

XYZ(95.9096, 90.5060, 86.5945)

Have a look what the booklet for
XYZ(95.9096, 90.5060, 86.5945)
contains.

XYZ(84.2395, 84.6304, 86.0241)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(84.2395, 84.6304,
86.0241)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE8E5
RGB	255, 232, 229
RGB Percent	100%, 91%, 90%
CMY	0.0000, 0.0902, 0.1020
CMYK	0.00, 0.09, 0.10, 0.00
HSL	7°, 100%, 95%
HSV	7°, 10%, 100%
XYZ	84.2395, 84.6304, 86.0241
YIQ	238.5350, 14.6710, 3.9430

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 232, 229
Decimal	16771301
CIE Lab	93.72, 7.33, 4.29
CIE LCh	94, 8.496, 30.307
Yxy	84.6304, 0.3305, 0.3320
Android (android.graphics.Color)	4294961381 (0xFFFFE8E5)
YUV	238.5350, -4.7008, 14.4398
Hunter-Lab	91.9948, 2.4613, 8.9544

Details

The XYZ color **84.2395, 84.6304, 86.0241** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.1726, 93.4962, 108.1652**, and the grayscale version is **81.7118, 85.9672, 93.6183**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.4540, 46.1124, 46.4966** is the 20% darker color. If you saturate the color by 10%, you get **74.9912, 71.4193, 66.6467**, and if you desaturate by 10%, it is **94.8294, 99.6870, 108.4311**.

Distribution



Red (100%)

Green (91%)

Blue (90%)



Red (100%)

Yellow (91%)

Blue (90%)



Cyan (0%)

Magenta (9%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.2395, 84.6304, 86.0241 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 84.2395, 84.6304, 86.0241 by changing the saturation by 10% instead.


 84.2395, 84.6304,
86.0241

 84.2395, 84.6304,
86.0241


497.6299,
510.4043, 535.2434

 63.5336, 63.5360,
64.1329


138.2297,
139.8567, 143.6900

 46.5333, 46.2750,
46.3114


172.2446,
174.7574, 180.3017

 32.8732, 32.4629,
32.1412


211.4266,
215.0290, 222.6573

 22.1881, 21.7153,
21.2037

256.1410,
261.0559, 271.1755

 14.1126, 13.6479,
13.0803

306.7532,
313.2224, 326.2746

 8.2812, 7.8762,
7.3525

363.6285,

 4.3287, 4.0158,

371.9131, 388.3733

3.6017

427.1323,
437.5123, 457.8900

■ 1.8897, 1.6824,
1.4095

■ 0.5709, 0.4122,
0.1491

■ 84.2395, 84.6304,
86.0241

■ 84.2395, 84.6304,
86.0241

■ 74.9912, 71.4193,
66.6467

94.8294, 99.6870,
108.4311

■ 67.0252, 59.9727,
50.1636

95.0500, 100.0000,
108.9000

■ 60.2863, 50.2187,
36.4374

■ 54.7132, 42.0771,
25.3172

■ 50.2391, 35.4605,
16.6378

■ 46.7905, 30.2736,
10.2150

■ 44.2844, 26.4102,
5.8383

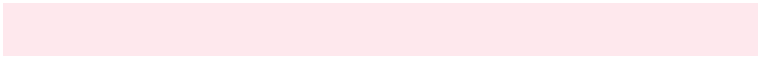
■ 42.6249, 23.7490,
3.2572

■ 41.6910, 22.1619,
2.0803

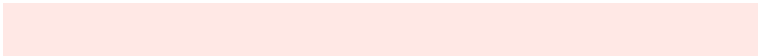
Harmonies

Analogous

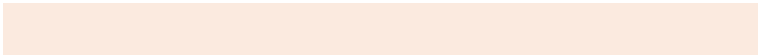
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.8519, 84.6304, 92.0817



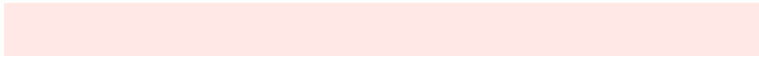
84.2395, 84.6304, 86.0241



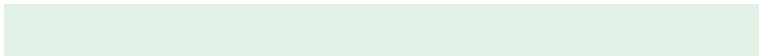
82.6052, 84.6304, 81.7787

Triad

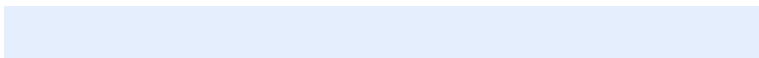
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.2395, 84.6304, 86.0241



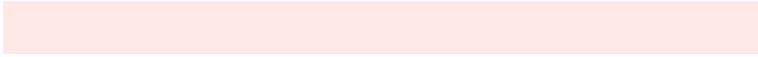
76.7314, 84.6304, 86.1341



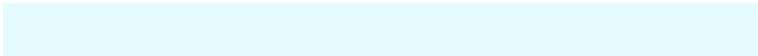
80.4619, 84.6304, 105.1287

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



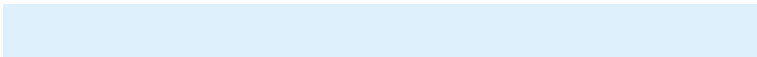
84.2395, 84.6304, 86.0241



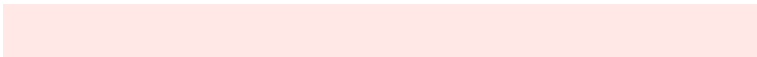
85.1726, 93.4962, 108.1652

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.3104, 84.6304, 103.3590



84.2395, 84.6304, 86.0241



76.1812, 84.6304, 92.2146

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.2395, 84.6304, 86.0241



78.2709, 84.6304, 81.8401



76.7539, 84.6304, 98.5561



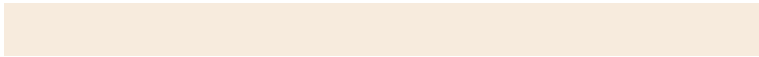
82.6461, 84.6304, 103.2873

Rectangle

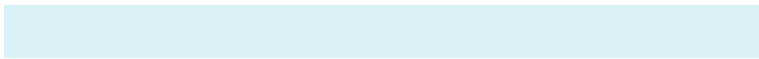
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



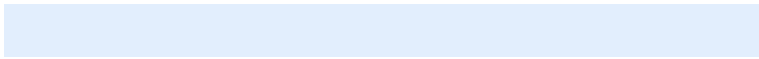
84.2395, 84.6304, 86.0241



81.1708, 84.6304, 80.4442



76.7539, 84.6304, 98.5561



79.7110, 84.6304, 104.9355

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



84.2414, 84.6339, 86.0259



91.7220, 95.2759, 101.8349



86.8939, 84.3532, 104.1303



19.4464, 20.1289, 21.4029



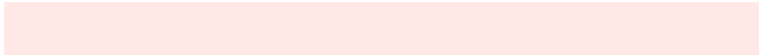
0.0000, 0.0000, 0.0000



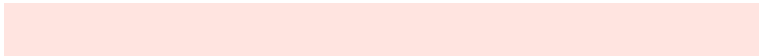
20.3446, 21.4041, 23.3091

Same Dimension

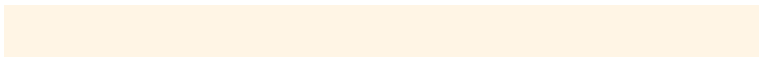
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.2414, 84.6339, 86.0259



82.4748, 82.1153, 82.3087



87.9148, 91.9807, 87.2503



18.1784, 18.3249, 18.7233



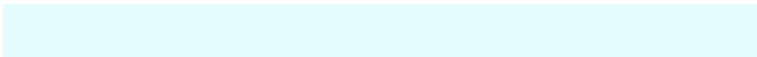
21.8377, 11.6865, 1.1048



2.1781, 1.2416, 0.1248

Inverse Universe

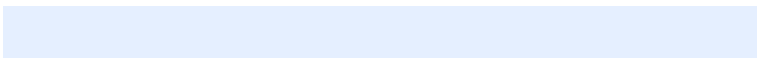
The Inverse Universe completely reimagines the original color for something new.



85.1726, 93.4962, 108.1652



83.5568, 92.4157, 108.0418



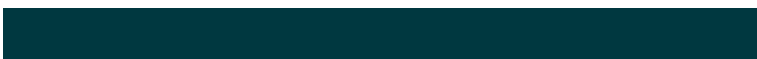
81.3476, 85.8463, 106.8903



18.3651, 20.1018, 23.1620



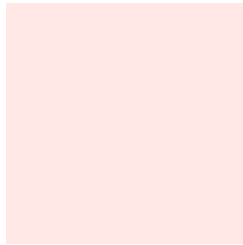
23.6470, 32.2036, 54.4042



2.3511, 3.2329, 5.3134

Previews

White Background



This preview shows how the XYZ color 84.2395, 84.6304, 86.0241 looks on a white background.

Color Contrast Check

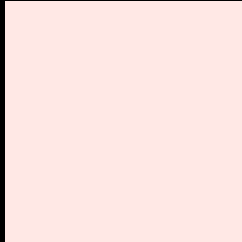
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 84.2395, 84.6304, 86.0241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

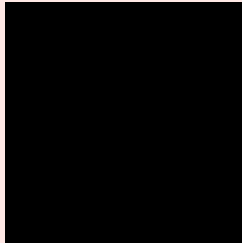
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

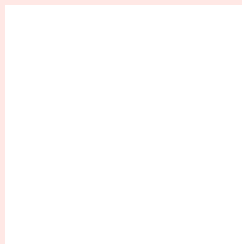
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.2395, 84.6304, 86.0241

Background



This preview shows how black text looks on a background with the XYZ color 84.2395, 84.6304, 86.0241.



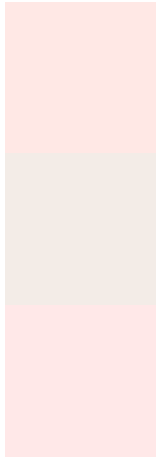
This preview shows how white text looks on a background with the XYZ color 84.2395, 84.6304,

86.0241.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

84.2395, 84.6304, 86.0241

Protanopia

81.3814, 84.8151, 87.6830

Deuteranopia

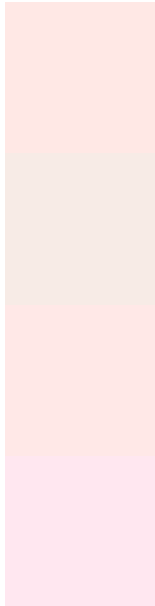
84.6621, 84.7994, 88.2497



Tritanopia

86.1714, 84.5074, 98.9586

Trichromacy



Original Color

84.2395, 84.6304, 86.0241

Protanomaly

82.3490, 84.9040, 86.9108

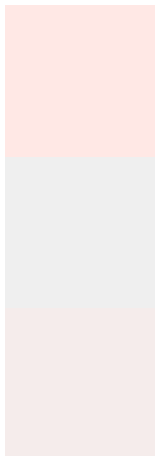
Deuteranomaly

84.5204, 84.7427, 87.5036

Tritanomaly

85.5441, 84.7031, 94.2787

Monochromacy



Original Color

84.2395, 84.6304, 86.0241

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

82.6470, 85.4015, 90.7254

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.2395, 84.6304, 86.0241 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(255, 232, 229) looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 229)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 232, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 229) }
```

Border

The CSS property to change the border of an element to XYZ 84.2395, 84.6304, 86.0241 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 232, 229) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 232, 229) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 232, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 232, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 232, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 232,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 84.2395, 84.6304, 86.0241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 232, 229) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
232, 229) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor