

Converting Colors

XYZ(84.6976, 84.8392, 88.3582)

Have a look what the booklet for
XYZ(84.6976, 84.8392, 88.3582)
contains.

XYZ(84.6621, 84.7994, 88.2497)	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(84.6621, 84.7994,
88.2497)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE8E8
RGB	255, 232, 232
RGB Percent	100%, 91%, 91%
CMY	0.0000, 0.0902, 0.0902
CMYK	0.00, 0.09, 0.09, 0.00
HSL	0°, 100%, 95%
HSV	0°, 9%, 100%
XYZ	84.6621, 84.7994, 88.2497
YIQ	238.8770, 13.7080, 4.8760

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 232, 232
Decimal	16771304
CIE Lab	93.80, 7.82, 2.83
CIE LCh	94, 8.319, 19.904
Yxy	84.7994, 0.3285, 0.3290
Android (android.graphics.Color)	4294961384 (0xFFFFE8E8)
YUV	238.8770, -3.3904, 14.1399
Hunter-Lab	92.0866, 2.9569, 7.6410

Details

The XYZ color **84.6621, 84.7994, 88.2497** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.0879, 95.8933, 108.5270**, and the grayscale version is **81.9682, 86.2369, 93.9120**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.6505, 46.1910, 47.5313** is the 20% darker color. If you saturate the color by 10%, you get **74.6361, 70.1296, 68.3152**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

Distribution



Red (100%)

Green (91%)

Blue (91%)



Red (100%)

Yellow (91%)

Blue (91%)



Cyan (0%)

Magenta (9%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.6621, 84.7994, 88.2497 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 84.6621, 84.7994, 88.2497 by changing the saturation by 10% instead.


 84.6621, 84.7994,
88.2497

 84.6621, 84.7994,
88.2497


499.0098,
510.9641, 542.7431

 63.8838, 63.6756,
65.9644


138.8174,
140.0929, 146.8189

 46.8179, 46.3880,
47.7872


172.9252,
175.0314, 183.9399

 33.0990, 32.5521,
33.2996


212.2068,
215.3436, 226.8432

 22.3619, 21.7836,
22.0831

257.0276,
261.4139, 275.9473

 14.2412, 13.6980,
13.7190

307.7529,
313.6267, 331.6709

 8.3714, 7.9109,
7.7890

364.7482,

 4.3873, 4.0380,

372.3664, 394.4323

3.8744

428.3787,
438.0174, 464.6502

■ 1.9235, 1.6948,
1.5567

■ 0.5904, 0.4203,
0.2596

■ 84.6621, 84.7994,
88.2497

■ 84.6621, 84.7994,
88.2497

■ 74.6361, 70.1296,
68.3152

95.0500, 100.0000,
108.9000

■ 66.1077, 57.6504,
51.3603

■ 59.0068, 47.2598,
37.2437

■ 53.2554, 38.8438,
25.8104

■ 48.7681, 32.2774,
16.8905

■ 45.4499, 27.4216,
10.2949

■ 43.1921, 24.1174,
5.8076

■ 41.8659, 22.1765,
3.1726

■ 41.2814, 21.3208,
2.0114

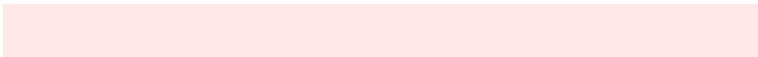
Harmonies

Analogous

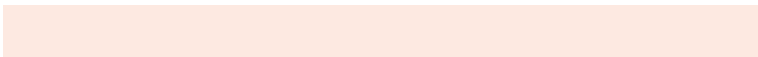
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.8566, 84.7994, 94.4824



84.6621, 84.7994, 88.2497



83.3679, 84.7994, 83.3300

Triad

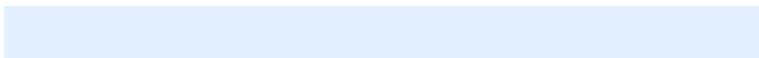
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.6621, 84.7994, 88.2497



77.3915, 84.7994, 84.7120



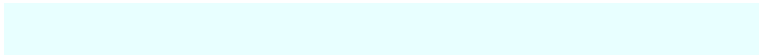
79.8565, 84.7994, 104.8421

Complementary

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



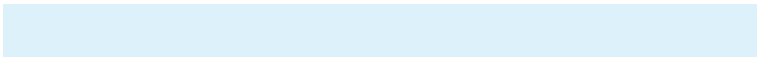
84.6621, 84.7994, 88.2497



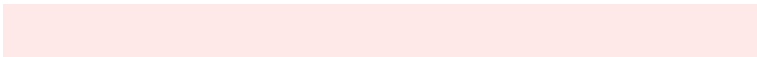
87.0879, 95.8933, 108.5270

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.



77.8927, 84.7994, 101.9603



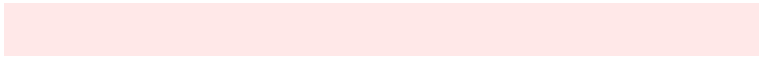
84.6621, 84.7994, 88.2497



76.4868, 84.7994, 90.2147

Square

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



84.6621, 84.7994, 88.2497



79.1609, 84.7994, 81.3531



76.6686, 84.7994, 96.5386



82.0550, 84.7994, 104.2569

Rectangle

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



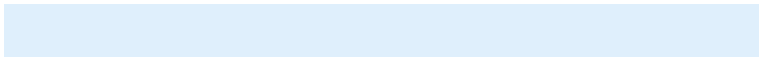
84.6621, 84.7994, 88.2497



82.0685, 84.7994, 81.3659



76.6686, 84.7994, 96.5386



79.1477, 84.7994, 104.2419

Sweetspot

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



84.6640, 84.8029, 88.2515



91.4509, 94.7337, 101.7446



88.1471, 86.1942, 106.5990



19.3736, 19.9833, 21.3786



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

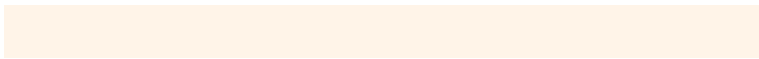
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.6640, 84.8029, 88.2515



82.5551, 81.7170, 84.0587



88.0064, 91.4877, 89.3656



18.0097, 17.9876, 18.6671



21.5492, 11.1096, 1.0086



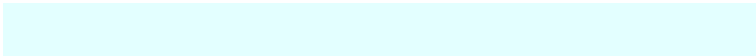
2.0983, 1.0819, 0.0982

Inverse Universe

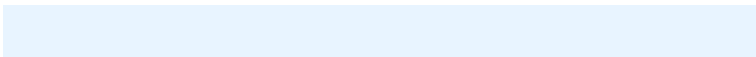
The Inverse Universe completely reimagines the original color for something new.



87.0879, 95.8933, 108.5270



85.4711, 95.0594, 108.4512



83.5299, 88.7774, 107.3410



18.5546, 20.4809, 23.2252



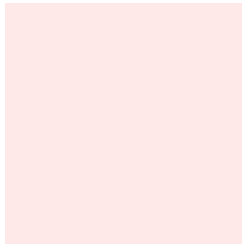
28.1090, 41.1275, 55.8915



2.7370, 4.0046, 5.4420

Previews

White Background



This preview shows how the XYZ color 84.6621, 84.7994, 88.2497 looks on a white background.

Color Contrast Check

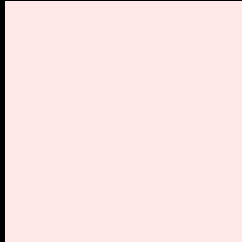
Large Text (above 18pt) WCAG AA × Fail

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 84.6621, 84.7994, 88.2497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

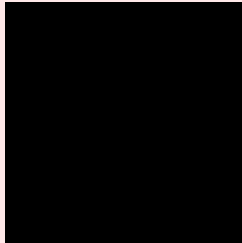
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

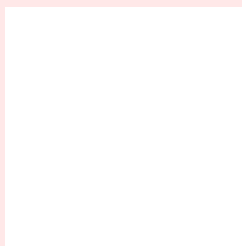
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.6621, 84.7994, 88.2497

Background



This preview shows how black text looks on a background with the XYZ color 84.6621, 84.7994, 88.2497.

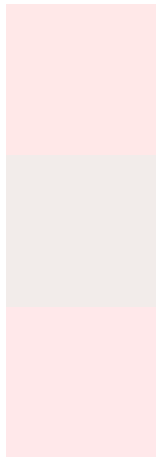


This preview shows how white text looks on a background with the XYZ color 84.6621, 84.7994,

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

84.6621, 84.7994, 88.2497

Protanopia

81.4647, 84.8087, 89.9180

Deuteranopia

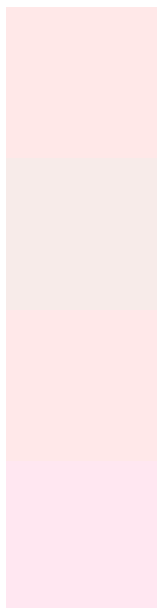
84.9479, 84.9137, 89.7547



Tritanopia

86.1714, 84.5074, 98.9586

Trichromacy



Original Color

84.6621, 84.7994, 88.2497

Protanomaly

82.7741, 85.0740, 89.1491

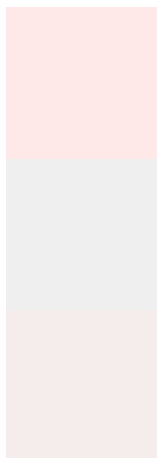
Deuteranomaly

84.8046, 84.8564, 89.0000

Tritanomaly

85.6931, 84.7627, 95.0634

Monochromacy



Original Color

84.6621, 84.7994, 88.2497

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

82.7920, 85.4595, 91.4886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.6621, 84.7994, 88.2497 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, 232)` looks like.

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

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, 232) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 84.6621, 84.7994, 88.2497 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, 232) }
```


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

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

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, 232)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 84.6621, 84.7994, 88.2497 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, 232) }
```

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

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

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