

Converting Colors

XYZ(91.6535, 87.8435, 95.5517)

Have a look what the booklet for
XYZ(91.6535, 87.8435, 95.5517)
contains.

XYZ(85.6931, 84.7627, 95.0634)	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(85.6931, 84.7627,
95.0634)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE7F1
RGB	255, 231, 241
RGB Percent	100%, 91%, 95%
CMY	0.0000, 0.0941, 0.0549
CMYK	0.00, 0.09, 0.05, 0.00
HSL	335°, 100%, 95%
HSV	335°, 9%, 100%
XYZ	85.6931, 84.7627, 95.0634
YIQ	239.3160, 11.0940, 8.1980

Conversions

Conversions Part 2

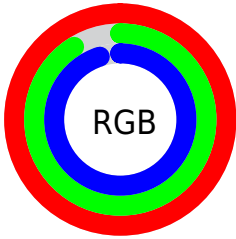
Format	Color
R _Y B	255, 231, 241
Decimal	16771057
CIE Lab	93.78, 9.84, -1.88
CIE LCh	94, 10.013, 349.202
Yxy	84.7627, 0.3227, 0.3192
Android (android.graphics.Color)	4294961137 (0xFFFFE7F1)
YUV	239.3160, 0.8302, 13.7549
Hunter-Lab	92.0667, 5.0262, 3.2268

Details

The XYZ color **85.6931, 84.7627, 95.0634** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.1990, 95.1028, 100.2559**, and the grayscale version is **82.2796, 86.5646, 94.2688**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.3756, 46.1685, 52.3134** is the 20% darker color. If you saturate the color by 10%, you get **76.9371, 70.6629, 81.6254**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

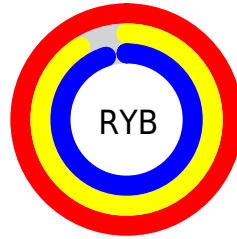
Distribution



Red (100%)

Green (91%)

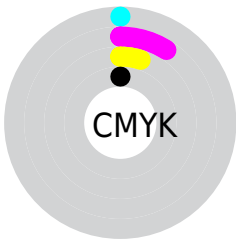
Blue (95%)



Red (100%)

Yellow (91%)

Blue (95%)

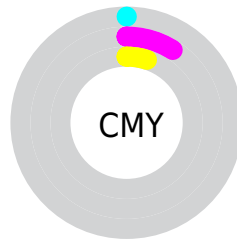


Cyan (0%)

Magenta (9%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.6931, 84.7627, 95.0634 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 85.6931, 84.7627, 95.0634 by changing the saturation by 10% instead.


 85.6931, 84.7627,
95.0634

 85.6931, 84.7627,
95.0634


502.3679,
510.8425, 565.3575

 64.7386, 63.6453,
71.5906


140.2502,
140.0416, 156.3485

 47.5131, 46.3635,
52.3395

174.5835,
174.9719, 194.9979

 33.6511, 32.5327,
36.8916


214.1072,
215.2753, 239.5432

 22.7873, 21.7687,
24.8285


259.1865,
261.3362, 290.4029

 14.5564, 13.6871,
15.7315

310.1869,
313.5389, 347.9957

 8.5929, 7.9033,
9.1820

367.4737,

 4.5316, 4.0332,

372.2680, 412.7400

4.7617

431.4122,
437.9077, 485.0544

■ 2.0071, 1.6921,
2.0518

■ 0.6379, 0.4186,
0.5869

■ 85.6931, 84.7627,
95.0634

■ 85.6931, 84.7627,
95.0634

■ 76.9371, 70.6629,
81.6254

95.0500, 100.0000,
108.9000

■ 69.3514, 58.6205,
69.4505

■ 62.8853, 48.5410,
58.5008

■ 57.4823, 40.3186,
48.7345

■ 53.0804, 33.8373,
40.1071

■ 49.6110, 28.9681,
32.5705

■ 46.9962, 25.5636,
26.0724

■ 45.1440, 23.4489,
20.5543

■ 43.9159, 22.3565,
15.9404

Harmonies

Analogous

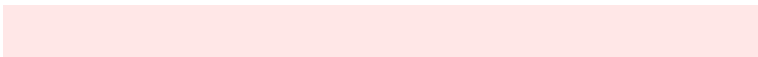
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.4982, 84.7627, 102.1966



85.6931, 84.7627, 95.0634



85.4911, 84.7627, 87.5583

Triad

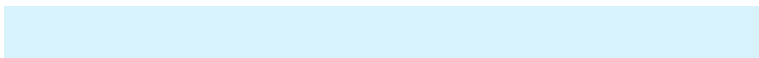
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.6931, 84.7627, 95.0634



78.8940, 84.7627, 79.1401



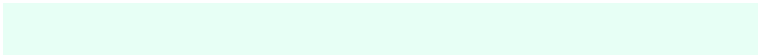
77.2689, 84.7627, 103.8297

Complementary

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



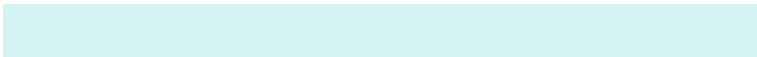
85.6931, 84.7627, 95.0634



85.1990, 95.1028, 100.2559

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.



75.8307, 84.7627, 97.1937



85.6931, 84.7627, 95.0634



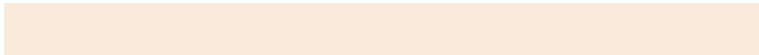
76.7546, 84.7627, 83.0493

Square

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



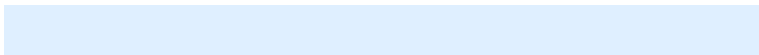
85.6931, 84.7627, 95.0634



81.5263, 84.7627, 78.6397



75.6445, 84.7627, 89.5753



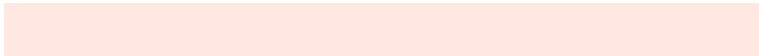
79.6101, 84.7627, 107.4398

Rectangle

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



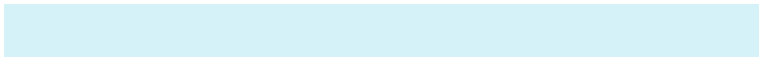
85.6931, 84.7627, 95.0634



84.5928, 84.7627, 83.3409



75.6445, 84.7627, 89.5753



76.6660, 84.7627, 101.8625

Sweetspot

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



85.6950, 84.7661, 95.0652



91.9476, 94.9317, 104.3620



84.2846, 83.7881, 106.3382



19.5072, 20.0366, 22.0825



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

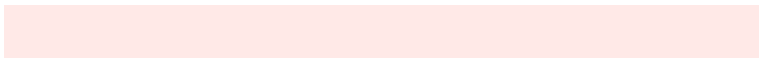
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.6950, 84.7661, 95.0652



84.2215, 82.3813, 92.8413



84.8051, 85.3108, 87.6027



18.3232, 18.1126, 20.3192



22.9847, 11.6832, 8.5697



2.2909, 1.1587, 1.1132

Inverse Universe

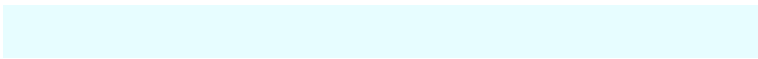
The Inverse Universe completely reimagines the original color for something new.



85.6950, 84.7661, 95.0652



84.2215, 82.3813, 92.8413



86.1324, 94.4608, 108.3008



18.3232, 18.1126, 20.3192



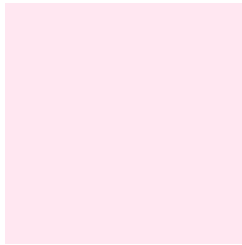
22.9847, 11.6832, 8.5697



2.2909, 1.1587, 1.1132

Previews

White Background



This preview shows how the XYZ color 85.6931, 84.7627, 95.0634 looks on a white background.

Color Contrast Check

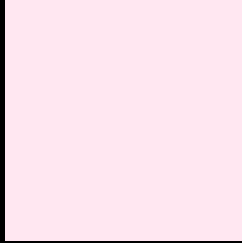
Large Text (above 18pt) WCAG AA × Fail

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 85.6931, 84.7627, 95.0634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

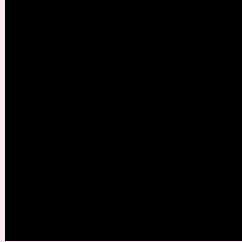
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.6931, 84.7627, 95.0634

Background



This preview shows how black text looks on a background with the XYZ color 85.6931, 84.7627, 95.0634.



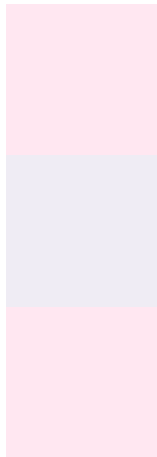
This preview shows how white text looks on a background with the XYZ color 85.6931, 84.7627,

95.0634.

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

85.6931, 84.7627, 95.0634

Protanopia

81.9212, 84.8733, 97.6524

Deuteranopia

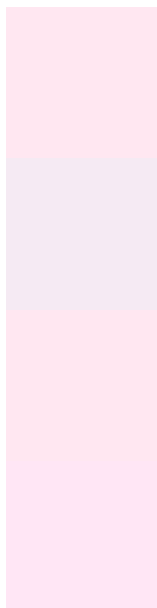
85.6931, 84.7627, 95.0634



Tritanopia

86.3253, 84.5690, 99.7693

Trichromacy



Original Color

85.6931, 84.7627, 95.0634

Protanomaly

83.2567, 84.7292, 96.7603

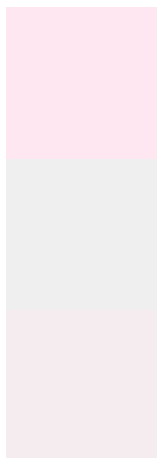
Deuteranomaly

85.6931, 84.7627, 95.0634

Tritanomaly

86.0182, 84.4462, 98.1523

Monochromacy



Original Color

85.6931, 84.7627, 95.0634

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

83.3798, 85.6947, 94.5842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.6931, 84.7627, 95.0634 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, 231, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 241)  
}
```

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, 231, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 241) }
```

Border

The CSS property to change the border of an element to XYZ 85.6931, 84.7627, 95.0634 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, 231, 241) }
```


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

```
.border{ border-color:rgb(255, 231, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 231, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 231, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 231, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 231,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 85.6931, 84.7627, 95.0634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 231, 241) }
```

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

```
.background{ background-color: rgb(255,  
231, 241) }
```

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