

Converting Colors

XYZ(64.1546, 59.8133, 33.5854)

Have a look what the booklet for
XYZ(64.1546, 59.8133, 33.5854)
contains.

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Color

**XYZ(64.1690, 59.8507,
33.7615)**

Conversions

Conversions Part 1

Format	Color
Hex	FEBE8E
RGB	254, 190, 142
RGB Percent	100%, 75%, 56%
CMY	0.0039, 0.2549, 0.4431
CMYK	0.00, 0.25, 0.44, 0.00
HSL	26°, 98%, 78%
HSV	26°, 44%, 100%
XYZ	64.1690, 59.8507, 33.7615
YIQ	203.6640, 53.5520, -1.3600

Conversions

Conversions Part 2

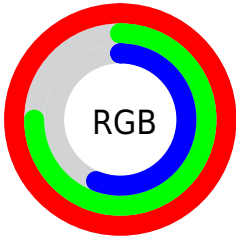
Format	Color
R_{YB}	254, 226, 142
Decimal	16694926
CIE _{Lab}	81.76, 17.26, 33.18
CIE _{LCh}	82, 37.401, 62.510
Yxy	59.8507, 0.4067, 0.3793
Android (android.graphics.Color)	4294885006 (0xFFFE8E8E)
YUV	203.6640, -30.4004, 44.1447
Hunter-Lab	77.3632, 12.6713, 28.2800

Details

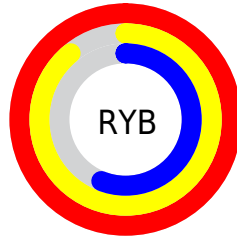
The XYZ color **64.1690, 59.8507, 33.7615** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.1152, 57.0470, 102.0829**, and the grayscale version is **57.3458, 60.3322, 65.7018**.

A 20% lighter version of the original color is **84.1596, 91.1571, 65.3839**, and **33.3397, 30.2488, 13.9789** is the 20% darker color. If you saturate the color by 10%, you get **59.4867, 53.1982, 23.8402**, and if you desaturate by 10%, it is **69.6018, 67.3088, 46.0778**.

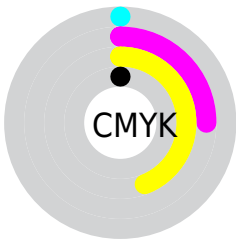
Distribution



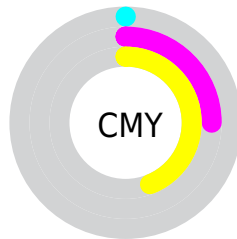
- Red (100%)
- Green (75%)
- Blue (56%)



- Red (100%)
- Yellow (89%)
- Blue (56%)



- Cyan (0%)
- Magenta (25%)
- Yellow (44%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.1690, 59.8507, 33.7615 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 64.1690, 59.8507, 33.7615 by changing the saturation by 10% instead.


 64.1690, 59.8507,
33.7615


 64.1690, 59.8507,
33.7615


429.3922,
424.0472, 333.8039

 47.0498, 43.2983,
22.4346


 109.9267,
104.6131, 66.6923

 33.2831, 30.1192,
13.9752


 139.2958,
133.5918, 89.1332

 22.5037, 19.9291,
7.9649


173.4789,
167.4815, 116.1158

 14.3461, 12.3435,
3.9850


212.8414,
206.6664, 148.0587

 8.4451, 6.9781,
1.6171

257.7487,
251.5311, 185.3804

 4.4352, 3.4484,
0.3030

308.5660,

 1.9512, 1.3701,

302.4599, 228.4995

0.0000

365.6587,
359.8371, 277.8345

0.6063, 0.1945,
0.0000

0.0000, 0.0000,
0.0000

64.1690, 59.8507,
33.7615

64.1690, 59.8507,
33.7615

59.4867, 53.1982,
23.8402

69.6018, 67.3088,
46.0778

55.5115, 47.3125,
16.1497

75.8166, 75.5923,
60.9311

52.2016, 42.1640,
10.5108

82.8479, 84.7306,
78.4563

49.5079, 37.7169,
6.7143

90.7272, 94.7492,
98.7779

■ 47.3721, 33.9310,
4.5046

94.6830, 99.8108,
108.8828

■ 46.3277, 31.9803,
3.7311

Harmonies

Analogous

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



70.6406, 59.8507, 44.5217



64.1690, 59.8507, 33.7615



56.2256, 59.8507, 30.7245

Triad

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



64.1690, 59.8507, 33.7615



43.0552, 59.8507, 67.0853



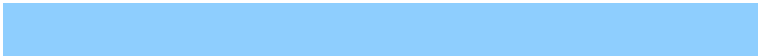
65.4220, 59.8507, 109.0251

Complementary

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



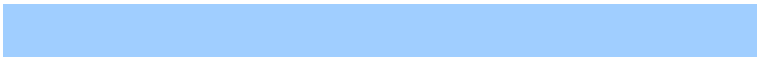
64.1690, 59.8507, 33.7615



51.1152, 57.0470, 102.0829

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.



57.5522, 59.8507, 118.8266



64.1690, 59.8507, 33.7615



45.0443, 59.8507, 91.3740

Square

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



64.1690, 59.8507, 33.7615



44.4790, 59.8507, 47.1230



50.1766, 59.8507, 111.7241



71.4097, 59.8507, 87.3139

Rectangle

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



64.1690, 59.8507, 33.7615



51.2819, 59.8507, 32.7441



50.1766, 59.8507, 111.7241



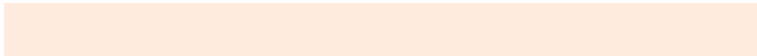
62.8848, 59.8507, 114.0220

Sweetspot

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



64.1705, 59.8536, 33.7627



84.4171, 86.5506, 81.2586



61.8497, 44.9387, 64.6600



17.7136, 18.0690, 16.4916



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.



64.1705, 59.8536, 33.7627



60.4973, 54.3649, 25.0265



78.3073, 88.1272, 38.4750



18.6495, 19.2673, 18.8803



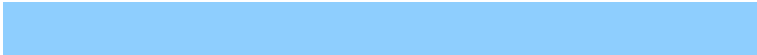
24.5641, 17.1394, 2.0136



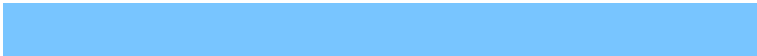
2.4975, 1.8805, 0.2313

Inverse Universe

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



51.1152, 57.0470, 102.0829



45.7575, 51.1676, 102.0724



40.1656, 35.1479, 98.4331



17.8647, 19.1010, 22.9952



14.9297, 14.7689, 51.4984



1.5621, 1.6550, 5.0504

Previews

White Background



This preview shows how the XYZ color 64.1690, 59.8507, 33.7615 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 64.1690, 59.8507, 33.7615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

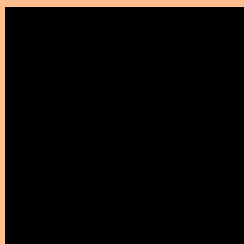
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.1690, 59.8507, 33.7615

Background



This preview shows how black text looks on a background with the XYZ color 64.1690, 59.8507, 33.7615.



This preview shows how white text looks on a background with the XYZ color 64.1690, 59.8507,

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

64.1690, 59.8507, 33.7615

Protanopia

55.9146, 59.9101, 36.6338

Deuteranopia

61.2850, 60.0080, 33.5519



Tritanopia

68.6670, 59.9891, 60.7832

Trichromacy



Original Color

64.1690, 59.8507, 33.7615

Protanomaly

58.6611, 59.6193, 35.6100

Deuteranomaly

62.2355, 59.8372, 33.4689

Tritanomaly

66.9461, 59.9750, 49.6429

Monochromacy



Original Color

64.1690, 59.8507, 33.7615

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.8881, 59.7126, 52.1380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1690, 59.8507, 33.7615 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(254, 190, 142)` looks like.

```
.text, #text, p{  
    color:rgb(254, 190, 142)  
}
```

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(254, 190, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 190, 142) }
```

Border

The CSS property to change the border of an element to XYZ 64.1690, 59.8507, 33.7615 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(254, 190, 142) }
```


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

```
.border{ border-color:rgb(254, 190, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 190, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 190, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 190, 142);  
box-shadow:4px 4px 4px 4px rgb(254, 190,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1690, 59.8507, 33.7615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 190, 142) }
```

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

```
.background{ background-color: rgb(254,  
190, 142) }
```

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](#).

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