

Converting Colors

XYZ(69.4669, 61.3047, 44.2409)

Have a look what the booklet for
XYZ(69.4669, 61.3047, 44.2409)
contains.

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Color

**XYZ(65.8933, 59.5538,
44.0985)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBBA6
RGB	255, 187, 166
RGB Percent	100%, 73%, 65%
CMY	0.0000, 0.2666, 0.3490
CMYK	0.00, 0.27, 0.35, 0.00
HSL	14°, 100%, 83%
HSV	14°, 35%, 100%
XYZ	65.8933, 59.5538, 44.0985
YIQ	204.9380, 47.2690, 7.8850

Conversions

Conversions Part 2

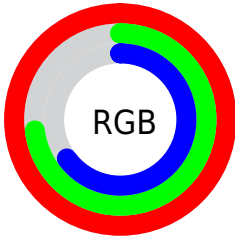
Format	Color
R _Y B	255, 193, 166
Decimal	16759718
CIE Lab	81.60, 21.86, 20.29
CIE LCh	82, 29.825, 42.877
Yxy	59.5538, 0.3886, 0.3513
Android (android.graphics.Color)	4294949798 (0xFFFFBBA6)
YUV	204.9380, -19.1964, 43.9044
Hunter-Lab	77.1711, 17.3645, 20.1392

Details

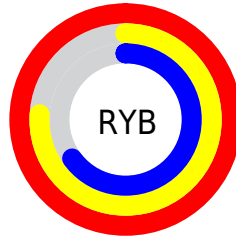
The XYZ color **65.8933, 59.5538, 44.0985** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.1977, 74.1701, 105.5931**, and the grayscale version is **58.0874, 61.1124, 66.5514**.

A 20% lighter version of the original color is **86.3417, 90.5816, 81.3399**, and **34.4507, 29.8603, 19.8674** is the 20% darker color. If you saturate the color by 10%, you get **59.9257, 50.9984, 31.6905**, and if you desaturate by 10%, it is **72.8883, 69.4217, 59.1382**.

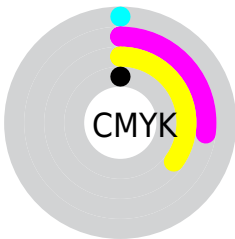
Distribution



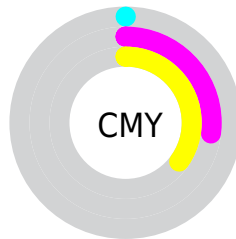
- Red (100%)
- Green (73%)
- Blue (65%)



- Red (100%)
- Yellow (76%)
- Blue (65%)



- Cyan (0%)
- Magenta (27%)
- Yellow (35%)
- Black (0%)





- Cyan (0%)
- Magenta (27%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.8933, 59.5538, 44.0985 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 65.8933, 59.5538, 44.0985 by changing the saturation by 10% instead.

 65.8933, 59.5538,
44.0985


 65.8933, 59.5538,
44.0985


435.4898,
422.9511, 379.1632

 48.4532, 43.0591,
30.4102


 112.3918,
104.1821, 82.6700

 34.3986, 29.9315,
19.8955


 142.1808,
133.0845, 108.3903

 23.3644, 19.7866,
12.1357


176.8169,
166.8916, 138.9583

 14.9849, 12.2400,
6.7125

216.6653,
205.9878, 174.7925

 8.8951, 6.9074,
3.2073

262.0914,
250.7574, 216.3116

 4.7294, 3.4042,
1.2014

313.4607,

 2.1225, 1.3462,

301.5849, 263.9341

0.0000

371.1384,
358.8547, 318.0784

0.7014, 0.1766,
0.0000

0.0000, 0.0000,
0.0000

65.8933, 59.5538,
44.0985

65.8933, 59.5538,
44.0985

59.9257, 50.9984,
31.6905

72.8883, 69.4217,
59.1382

54.9313, 43.6912,
21.7582

80.9527, 80.6461,
76.9463

50.8569, 37.5749,
14.1342

90.1316, 93.2792,
97.6542

47.6426, 32.5845,
8.6291

95.0500, 100.0000,
108.9000

■ 45.2204, 28.6479,
5.0227

■ 43.5101, 25.6840,
3.0451

■ 42.8655, 24.5110,
2.4718

Harmonies

Analogous

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



69.1708, 59.5538, 57.4595



65.8933, 59.5538, 44.0985



60.2234, 59.5538, 37.1586

Triad

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



65.8933, 59.5538, 44.0985



45.8602, 59.5538, 55.2124



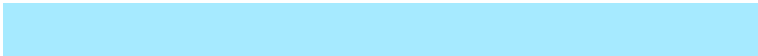
59.3298, 59.5538, 104.5999

Complementary

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



65.8933, 59.5538, 44.0985



63.1977, 74.1701, 105.5931

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.



53.1328, 59.5538, 103.6929



65.8933, 59.5538, 44.0985



45.6598, 59.5538, 72.8355

Square

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



65.8933, 59.5538, 44.0985



48.8010, 59.5538, 42.7160



48.2317, 59.5538, 91.2484



65.1976, 59.5538, 93.5362

Rectangle

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



65.8933, 59.5538, 44.0985



56.0020, 59.5538, 36.1435



48.2317, 59.5538, 91.2484



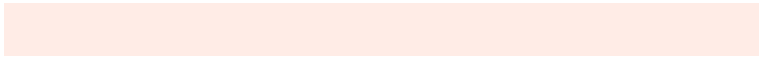
57.2105, 59.5538, 105.7369

Sweetspot

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



65.8948, 59.5566, 44.0997



85.3097, 86.6590, 86.7259



69.7614, 54.4870, 84.8583



17.9865, 18.1721, 17.9473



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.



65.8948, 59.5566, 44.0997



61.5549, 53.3500, 35.0288



76.7738, 81.3147, 47.7260



18.3573, 18.6828, 18.7829



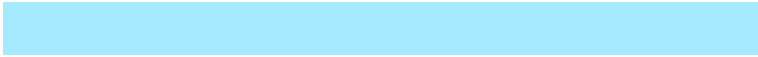
22.4924, 12.9961, 1.3230



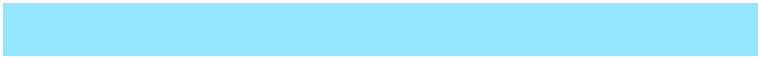
2.2696, 1.4246, 0.1553

Inverse Universe

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



63.1977, 74.1701, 105.5931



58.4644, 69.9461, 105.0273



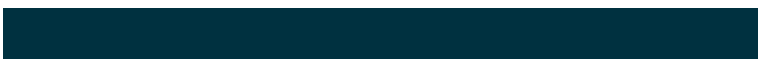
52.1322, 52.0392, 101.9046



18.1702, 19.7119, 23.0971



19.7277, 24.3651, 53.0977



2.0043, 2.5393, 5.1978

Previews

White Background



This preview shows how the XYZ color 65.8933, 59.5538, 44.0985 looks on a white background.

Color Contrast Check

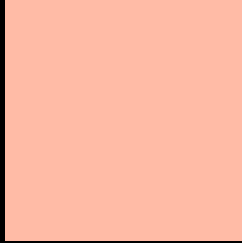
Large Text (above 18pt) WCAG AA × Fail

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 65.8933, 59.5538, 44.0985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

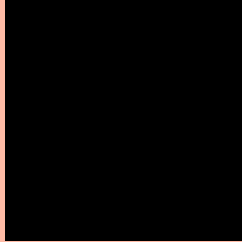
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.8933, 59.5538, 44.0985

Background



This preview shows how black text looks on a background with the XYZ color 65.8933, 59.5538, 44.0985.



This preview shows how white text looks on a background with the XYZ color 65.8933, 59.5538,

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

65.8933, 59.5538, 44.0985

Protanopia

56.7275, 60.0640, 48.6481

Deuteranopia

60.8080, 59.5434, 43.4101



Tritanopia

68.4585, 59.5722, 60.7138

Trichromacy



Original Color

65.8933, 59.5538, 44.0985

Protanomaly

59.6300, 59.5308, 46.8758

Deuteranomaly

62.6033, 59.4706, 43.7767

Tritanomaly

67.4519, 59.5031, 54.3845

Monochromacy



Original Color

65.8933, 59.5538, 44.0985

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

60.0295, 59.8377, 57.6762

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8933, 59.5538, 44.0985 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, 187, 166)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 166)  
}
```

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, 187, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 166) }
```

Border

The CSS property to change the border of an element to XYZ 65.8933, 59.5538, 44.0985 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, 187, 166) }
```


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

```
.border{ border-color:rgb(255, 187, 166) }
```

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

Here you see how a box with a 4 pixel rgb(255, 187, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8933, 59.5538, 44.0985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 166) }
```

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

```
.background{ background-color: rgb(255,  
187, 166) }
```

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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