

Converting Colors

XYZ(72.8481, 62.7046, 53.5091)

Have a look what the booklet for
XYZ(72.8481, 62.7046, 53.5091)
contains.

XYZ(67.4506, 59.8385, 53.3424)	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(67.4506, 59.8385,
53.3424)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBAB8
RGB	255, 186, 184
RGB Percent	100%, 73%, 72%
CMY	0.0000, 0.2706, 0.2784
CMYK	0.00, 0.27, 0.28, 0.00
HSL	2°, 100%, 86%
HSV	2°, 28%, 100%
XYZ	67.4506, 59.8385, 53.3424
YIQ	206.4030, 41.7660, 14.0060

Conversions

Conversions Part 2

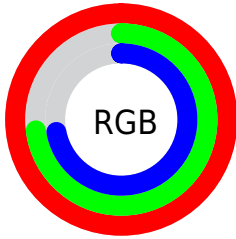
Format	Color
R _Y B	255, 186, 184
Decimal	16759480
CIE Lab	81.75, 24.65, 10.87
CIE LCh	82, 26.937, 23.800
Yxy	59.8385, 0.3734, 0.3313
Android (android.graphics.Color)	4294949560 (0xFFFFBAB8)
YUV	206.4030, -11.0447, 42.6196
Hunter-Lab	77.3553, 20.2726, 13.2638

Details

The XYZ color **67.4506, 59.8385, 53.3424** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.9412, 87.6579, 107.6830**, and the grayscale version is **58.9757, 62.0470, 67.5692**.

A 20% lighter version of the original color is **88.7203, 91.0555, 95.3375**, and **35.3740, 30.0115, 25.4011** is the 20% darker color. If you saturate the color by 10%, you get **60.2393, 49.3149, 38.9183**, and if you desaturate by 10%, it is **76.0520, 72.3708, 70.6082**.

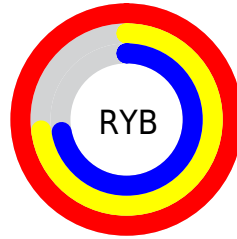
Distribution



Red (100%)

Green (73%)

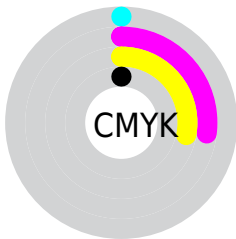
Blue (72%)



Red (100%)

Yellow (73%)

Blue (72%)

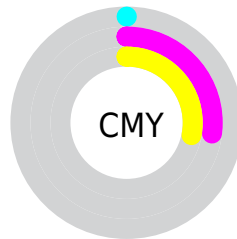


Cyan (0%)

Magenta (27%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.4506, 59.8385, 53.3424 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 67.4506, 59.8385, 53.3424 by changing the saturation by 10% instead.

 67.4506, 59.8385,
53.3424

 67.4506, 59.8385,
53.3424


440.9543,
424.0022, 416.7009

 49.7229, 43.2885,
37.6866


 114.6121,
104.5954, 96.5547

 35.4102, 30.1115,
25.4396


144.7766,
133.5710, 124.9482

 24.1470, 19.9233,
16.1829

179.8175,
167.4572, 158.4247

 15.5680, 12.3393,
9.4979

220.1000,
206.6386, 197.4027

 9.3079, 6.9752,
4.9661

265.9896,
251.4993, 242.3008

 5.0013, 3.4466,
2.1690

317.8517,

 2.2828, 1.3691,

302.4239, 293.5375

0.6564

376.0514,
359.7968, 351.5314

■ 0.7858, 0.1938,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.4506, 59.8385,
53.3424

■ 67.4506, 59.8385,
53.3424

■ 60.2393, 49.3149,
38.9183

■ 76.0520, 72.3708,
70.6082

■ 54.3409, 40.6879,
27.1803

■ 86.1063, 86.9996,
90.8527

■ 49.6778, 33.8471,
17.9635

95.0500, 100.0000,
108.9000

■ 46.1621, 28.6673,
11.0833

■ 43.6946, 25.0074,
6.3299

■ 42.1591, 22.7025,
3.4564

■ 41.4083, 21.5485,
2.1348

■ 41.3182, 21.4163,
1.9561

Harmonies

Analogous

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



68.4231, 59.8385, 68.5863



67.4506, 59.8385, 53.3424



63.5635, 59.8385, 43.0555

Triad

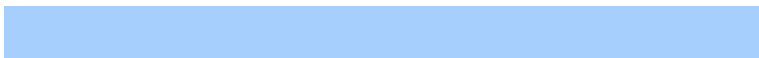
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.4506, 59.8385, 53.3424



48.5184, 59.8385, 48.3900



55.7048, 59.8385, 101.4084

Complementary

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



67.4506, 59.8385, 53.3424



72.9412, 87.6579, 107.6830

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.



50.6724, 59.8385, 93.7555



67.4506, 59.8385, 53.3424



46.7048, 59.8385, 61.8381

Square

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



67.4506, 59.8385, 53.3424



52.5852, 59.8385, 40.5463



47.4664, 59.8385, 78.5918



61.3913, 59.8385, 98.1217

Rectangle

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



67.4506, 59.8385, 53.3424



59.9726, 59.8385, 39.5226



47.4664, 59.8385, 78.5918



53.8854, 59.8385, 99.9945

Sweetspot

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



67.4521, 59.8413, 53.3436



85.9364, 86.7526, 90.5102



76.2408, 62.6856, 101.6933



18.0505, 18.0692, 18.6807



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.



67.4521, 59.8413, 53.3436



63.5634, 54.1686, 45.5586



75.6650, 76.2670, 56.0812



18.0505, 18.0692, 18.6807



21.6074, 11.2261, 1.0280



2.1177, 1.1207, 0.1047

Inverse Universe

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



72.9412, 87.6579, 107.6830



69.8185, 85.8742, 107.5033



62.9713, 67.7181, 104.3597



18.5083, 20.3882, 23.2098



26.9586, 38.8269, 55.5081



2.6382, 3.8071, 5.4091

Previews

White Background



This preview shows how the XYZ color 67.4506, 59.8385, 53.3424 looks on a white background.

Color Contrast Check

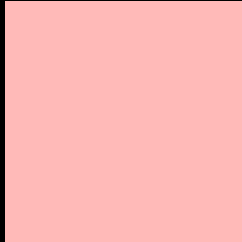
Large Text (above 18pt) WCAG AA × Fail

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 67.4506, 59.8385, 53.3424 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 67.4506, 59.8385, 53.3424

Background



This preview shows how black text looks on a background with the XYZ color 67.4506, 59.8385, 53.3424.



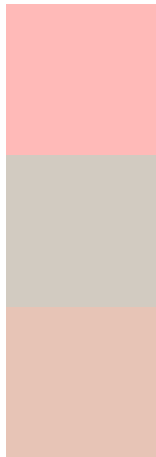
This preview shows how white text looks on a background with the XYZ color 67.4506, 59.8385,

53.3424.

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

67.4506, 59.8385, 53.3424

Protanopia

57.5599, 60.2638, 59.0504

Deuteranopia

61.1384, 59.8462, 52.5851



Tritanopia

68.7820, 60.0351, 61.3888

Trichromacy



Original Color

67.4506, 59.8385, 53.3424

Protanomaly

60.6245, 59.8190, 57.0662

Deuteranomaly

63.3321, 59.6434, 52.9741

Tritanomaly

68.2146, 59.8082, 58.4009

Monochromacy



Original Color

67.4506, 59.8385, 53.3424

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

61.3569, 60.7714, 61.9223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4506, 59.8385, 53.3424 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, 186, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 184)  
}
```

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, 186, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 184) }
```

Border

The CSS property to change the border of an element to XYZ 67.4506, 59.8385, 53.3424 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, 186, 184) }
```


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

```
.border{ border-color:rgb(255, 186, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 186, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4506, 59.8385, 53.3424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 184) }
```

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

```
.background{ background-color: rgb(255,  
186, 184) }
```

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