

Converting Colors

XYZ(66.9202, 58.8241, 53.0221)

Have a look what the booklet for
XYZ(66.9202, 58.8241, 53.0221)
contains.

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Color

**XYZ(67.0322, 59.0017,
53.2029)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB8B8
RGB	255, 184, 184
RGB Percent	100%, 72%, 72%
CMY	0.0000, 0.2784, 0.2784
CMYK	0.00, 0.28, 0.28, 0.00
HSL	0°, 100%, 86%
HSV	0°, 28%, 100%
XYZ	67.0322, 59.0017, 53.2029
YIQ	205.2290, 42.3160, 15.0520

Conversions

Conversions Part 2

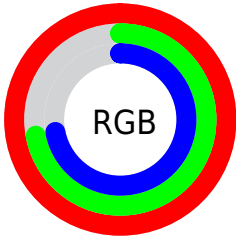
Format	Color
R _{YB}	255, 184, 184
Decimal	16758968
CIE Lab	81.29, 25.70, 10.22
CIE LCh	81, 27.653, 21.687
Yxy	59.0017, 0.3740, 0.3292
Android (android.graphics.Color)	4294949048 (0xFFFFB8B8)
YUV	205.2290, -10.4659, 43.6492
Hunter-Lab	76.8126, 21.3500, 12.7026

Details

The XYZ color **67.0322, 59.0017, 53.2029** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.5758, 88.9272, 107.8946**, and the grayscale version is **58.2211, 61.2531, 66.7046**.

A 20% lighter version of the original color is **88.1283, 89.8714, 95.1401**, and **35.1053, 29.4743, 25.3116** is the 20% darker color. If you saturate the color by 10%, you get **59.7686, 48.3734, 38.7613**, and if you desaturate by 10%, it is **75.7353, 71.7373, 70.5026**.

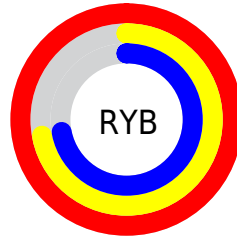
Distribution



Red (100%)

Green (72%)

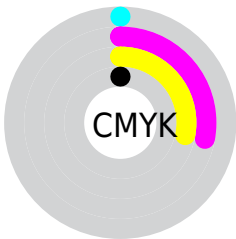
Blue (72%)



Red (100%)

Yellow (72%)

Blue (72%)

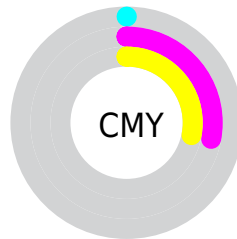


Cyan (0%)

Magenta (28%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.0322, 59.0017, 53.2029 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 67.0322, 59.0017, 53.2029 by changing the saturation by 10% instead.


 67.0322, 59.0017,
53.2029

 67.0322, 59.0017,
53.2029

439.4901,
420.9082, 416.1514

 49.3816, 42.6145,
37.5759


 114.0161,
103.3801, 96.3474

 35.1381, 29.5828,
25.3545


144.0801,
132.1401, 124.7021

 23.9363, 19.5221,
16.1199


179.0126,
165.7932, 158.1364

 15.4108, 12.0481,
9.4538

219.1789,
204.7237, 197.0689

 9.1964, 6.7765,
4.9375

264.9445,
249.3161, 241.9181

 4.9276, 3.3227,
2.1525

316.6746,

 2.2392, 1.3024,

299.9547, 293.1025

0.6468

374.7347,
357.0239, 351.0408

■ 0.7633, 0.1431,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.0322, 59.0017,
53.2029

■ 67.0322, 59.0017,
53.2029

■ 59.7686, 48.3734,
38.7613

■ 75.7353, 71.7373,
70.5026

■ 53.8627, 39.7314,
27.0208

■ 85.9447, 86.6765,
90.7988

■ 49.2315, 32.9546,
17.8147

95.0500, 100.0000,
108.9000

■ 45.7814, 27.9059,
10.9563

■ 43.4054, 24.4291,
6.2336

■ 41.9778, 22.3398,
3.3960

■ 41.3300, 21.3919,
2.1087

■ 41.2402, 21.2604,
1.9301

Harmonies

Analogous

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



67.7882, 59.0017, 68.9467



67.0322, 59.0017, 53.2029



63.2419, 59.0017, 42.3994

Triad

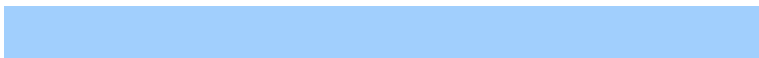
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.0322, 59.0017, 53.2029



47.8175, 59.0017, 46.4905



54.4907, 59.0017, 101.0870

Complementary

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



67.0322, 59.0017, 53.2029



73.5758, 88.9272, 107.8946

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.



49.4791, 59.0017, 92.5351



67.0322, 59.0017, 53.2029



45.8030, 59.0017, 59.7579

Square

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



67.0322, 59.0017, 53.2029



52.0789, 59.0017, 39.0119



46.3897, 59.0017, 76.7132



60.2795, 59.0017, 98.5183

Rectangle

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



67.0322, 59.0017, 53.2029



59.6377, 59.0017, 38.5548



46.3897, 59.0017, 76.7132



52.6654, 59.0017, 99.3716

Sweetspot

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



67.0337, 59.0044, 53.2041



85.7720, 86.4238, 90.4554



76.4308, 62.7615, 102.6936



18.0096, 17.9873, 18.6670



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.



67.0337, 59.0044, 53.2041



63.1121, 53.2660, 45.4082



75.3542, 75.6454, 55.9776



18.0096, 17.9873, 18.6670



21.5489, 11.1091, 1.0085



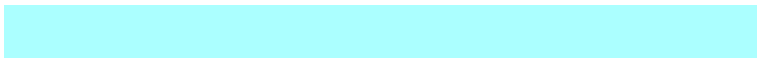
2.0982, 1.0817, 0.0982

Inverse Universe

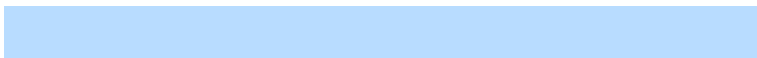
The Inverse Universe completely reimagines the original color for something new.



73.5758, 88.9272, 107.8946



70.5700, 87.3772, 107.7538



63.2798, 68.3352, 104.4626



18.5548, 20.4813, 23.2253



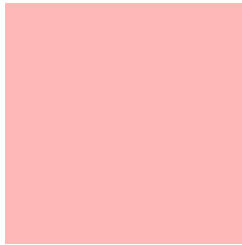
28.1138, 41.1373, 55.8931



2.7374, 4.0055, 5.4421

Previews

White Background



This preview shows how the XYZ color 67.0322, 59.0017, 53.2029 looks on a white background.

Color Contrast Check

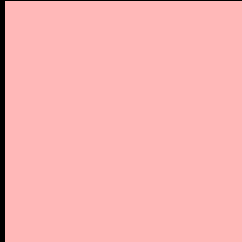
Large Text (above 18pt) WCAG AA × Fail

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 67.0322, 59.0017, 53.2029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

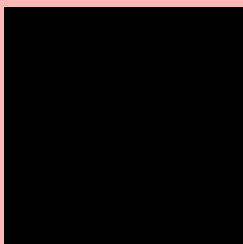
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.0322, 59.0017, 53.2029

Background



This preview shows how black text looks on a background with the XYZ color 67.0322, 59.0017, 53.2029.



This preview shows how white text looks on a background with the XYZ color 67.0322, 59.0017,

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

67.0322, 59.0017, 53.2029

Protanopia

56.5247, 59.0334, 58.8675

Deuteranopia

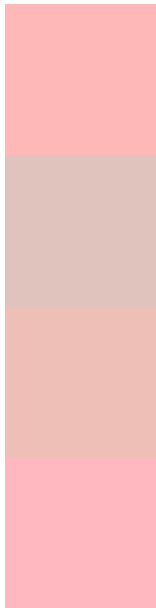
60.2717, 59.0656, 52.4801



Tritanopia

68.1373, 59.1125, 60.0432

Trichromacy



Original Color

67.0322, 59.0017, 53.2029

Protanomaly

59.8607, 58.7555, 56.9011

Deuteranomaly

62.4379, 58.8576, 52.8696

Tritanomaly

67.6879, 58.9327, 57.6768

Monochromacy



Original Color

67.0322, 59.0017, 53.2029

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

60.4757, 59.6517, 61.1498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.0322, 59.0017, 53.2029 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, 184, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 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, 184, 184) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 67.0322, 59.0017, 53.2029 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, 184, 184) }
```


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

```
.border{ border-color:rgb(255, 184, 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, 184, 184)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 67.0322, 59.0017, 53.2029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(255,  
184, 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](#).

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