

Converting Colors

XYZ(140.2212, 100.0000,
57.2645)

Have a look what the booklet for
XYZ(140.2212, 100.0000, 57.2645)
contains.

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Color

**XYZ(69.1835, 63.3043,
53.9200)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC2B8
RGB	255, 194, 184
RGB Percent	100%, 76%, 72%
CMY	0.0000, 0.2392, 0.2784
CMYK	0.00, 0.24, 0.28, 0.00
HSL	8°, 100%, 86%
HSV	8°, 28%, 100%
XYZ	69.1835, 63.3043, 53.9200
YIQ	211.0990, 39.5660, 9.8220

Conversions

Conversions Part 2

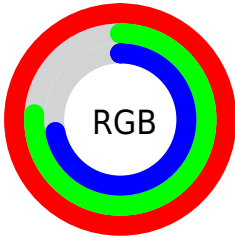
Format	Color
R _Y B	255, 196, 184
Decimal	16761528
CIE Lab	83.60, 20.45, 13.50
CIE LCh	84, 24.503, 33.422
Yxy	63.3043, 0.3711, 0.3396
Android (android.graphics.Color)	4294951608 (0xFFFFC2B8)
YUV	211.0990, -13.3598, 38.5012
Hunter-Lab	79.5640, 15.9746, 15.5144

Details

The XYZ color **69.1835, 63.3043, 53.9200** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.4684, 82.7123, 106.8587**, and the grayscale version is **62.0509, 65.2824, 71.0925**.

A 20% lighter version of the original color is **91.4654, 96.5456, 96.2525**, and **36.5008, 32.2652, 25.7767** is the 20% darker color. If you saturate the color by 10%, you get **62.2264, 53.2890, 39.5807**, and if you desaturate by 10%, it is **77.3444, 74.9555, 71.0390**.

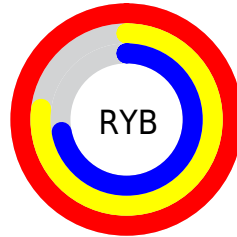
Distribution



Red (100%)

Green (76%)

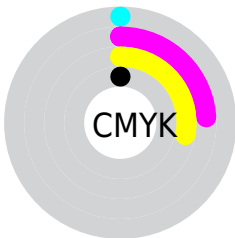
Blue (72%)



Red (100%)

Yellow (77%)

Blue (72%)

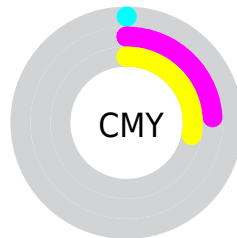


Cyan (0%)

Magenta (24%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.1835, 63.3043, 53.9200 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 69.1835, 63.3043, 53.9200 by changing the saturation by 10% instead.


 69.1835, 63.3043,
53.9200

 69.1835, 63.3043,
53.9200


446.9892,
436.6730, 418.9709

 51.1384, 46.0874,
38.1450


 117.0763,
109.6084, 97.4120

 36.5402, 32.3148,
25.7925


147.6546,
139.4644, 125.9660

 25.0237, 21.6021,
16.4441


183.1414,
174.3023, 159.6168

 16.2236, 13.5648,
9.6812

223.9019,
214.5064, 198.7829

 9.7743, 7.8186,
5.0853

270.3016,
260.4611, 243.8828

 5.3107, 3.9791,
2.2378

322.7058,

 2.4673, 1.6619,

312.5509, 295.3351

0.6960

381.4799,
371.1600, 353.5582

■ 0.8788, 0.3988,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.1835, 63.3043,
53.9200

■ 69.1835, 63.3043,
53.9200

■ 62.2264, 53.2890,
39.5807

■ 77.3444, 74.9555,
71.0390

■ 56.4110, 44.8279,
27.8703

■ 86.7577, 88.3023,
91.0698

■ 51.6769, 37.8454,
18.6299

95.0500, 100.0000,
108.9000

■ 47.9564, 32.2558,
11.6814

■ 45.1734, 27.9649,
6.8229

■ 43.2410, 24.8662,
3.8170

■ 42.0514, 22.8345,
2.3491

■ 41.8689, 22.5178,
2.1396

Harmonies

Analogous

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



71.0497, 63.3043, 67.1813



69.1835, 63.3043, 53.9200



64.8969, 63.3043, 45.7646

Triad

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



69.1835, 63.3043, 53.9200



51.4176, 63.3043, 56.5517



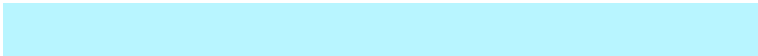
60.7859, 63.3043, 102.7738

Complementary

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



69.1835, 63.3043, 53.9200



70.4684, 82.7123, 106.8587

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.



55.6762, 63.3043, 98.8249



69.1835, 63.3043, 53.9200



50.4598, 63.3043, 70.7040

Square

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



69.1835, 63.3043, 53.9200



54.6708, 63.3043, 47.1182



51.9734, 63.3043, 86.4897



66.0236, 63.3043, 96.6023

Rectangle

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



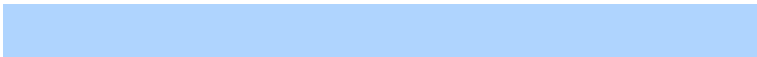
69.1835, 63.3043, 53.9200



61.3567, 63.3043, 43.5754



51.9734, 63.3043, 86.4897



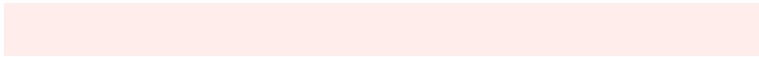
58.9964, 63.3043, 102.5891

Sweetspot

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



69.1851, 63.3072, 53.9213



86.5995, 88.0787, 90.7312



74.9438, 62.1668, 94.8633



18.2158, 18.3998, 18.7358



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.



69.1851, 63.3072, 53.9213



65.4498, 57.9413, 46.1874



77.9021, 80.7412, 56.8270



18.2158, 18.3998, 18.7358



21.9396, 11.8904, 1.1387



2.1956, 1.2766, 0.1307

Inverse Universe

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



70.4684, 82.7123, 106.8587



66.9049, 80.0471, 106.5321



60.8726, 63.5206, 103.6601



18.3238, 20.0192, 23.1483



22.7606, 30.4308, 54.1087



2.2734, 3.0776, 5.2875

Previews

White Background



This preview shows how the XYZ color 69.1835, 63.3043, 53.9200 looks on a white background.

Color Contrast Check

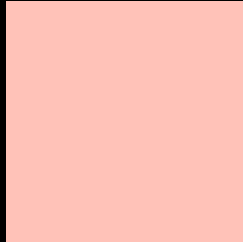
Large Text (above 18pt) WCAG AA × Fail

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 69.1835, 63.3043, 53.9200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

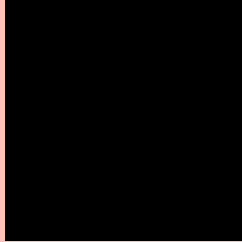
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.1835, 63.3043, 53.9200

Background



This preview shows how black text looks on a background with the XYZ color 69.1835, 63.3043, 53.9200.



This preview shows how white text looks on a background with the XYZ color 69.1835, 63.3043,

53.9200.

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

69.1835, 63.3043, 53.9200

Protanopia

60.5751, 63.6251, 58.3784

Deuteranopia

64.6938, 63.3693, 53.6215



Tritanopia

71.2302, 63.4155, 66.8787

Trichromacy



Original Color

69.1835, 63.3043, 53.9200

Protanomaly

63.3880, 63.3316, 56.4603

Deuteranomaly

66.0496, 63.0402, 53.4865

Tritanomaly

70.5030, 63.4771, 61.9625

Monochromacy



Original Color

69.1835, 63.3043, 53.9200

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

64.0525, 64.2106, 64.2763

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1835, 63.3043, 53.9200 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, 194, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 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, 194, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 184) }
```

Border

The CSS property to change the border of an element to XYZ 69.1835, 63.3043, 53.9200 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, 194, 184) }
```


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

```
.border{ border-color:rgb(255, 194, 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, 194, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1835, 63.3043, 53.9200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 184) }
```

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

```
.background{ background-color: rgb(255,  
194, 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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