

Converting Colors

XYZ(64.9188, 59.9230, 54.0468)

Have a look what the booklet for
XYZ(64.9188, 59.9230, 54.0468)
contains.

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Color

**XYZ(64.8266, 59.7422,
54.0136)**

Conversions

Conversions Part 1

Format	Color
Hex	F5BEB9
RGB	245, 190, 185
RGB Percent	96%, 75%, 73%
CMY	0.0392, 0.2549, 0.2745
CMYK	0.00, 0.22, 0.24, 0.04
HSL	5°, 75%, 84%
HSV	5°, 24%, 96%
XYZ	64.8266, 59.7422, 54.0136
YIQ	205.8750, 34.3850, 10.1050

Conversions

Conversions Part 2

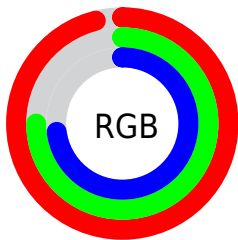
Format	Color
R _Y B	245, 190, 185
Decimal	16105145
CIE Lab	81.70, 19.01, 10.12
CIE LCh	82, 21.539, 28.029
Yxy	59.7422, 0.3630, 0.3345
Android (android.graphics.Color)	4294295225 (0xFFFF5BEB9)
YUV	205.8750, -10.2914, 34.3126
Hunter-Lab	77.2931, 14.4471, 12.6724

Details

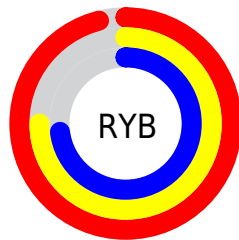
The XYZ color **64.8266, 59.7422, 54.0136** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.6482, 79.2247, 98.1130**, and the grayscale version is **58.6360, 61.6896, 67.1800**.

A 20% lighter version of the original color is **90.0730, 93.5224, 96.5234**, and **33.7081, 29.9656, 25.8371** is the 20% darker color. If you saturate the color by 10%, you get **57.9651, 49.8075, 40.0468**, and if you desaturate by 10%, it is **72.8864, 71.3594, 70.5798**.

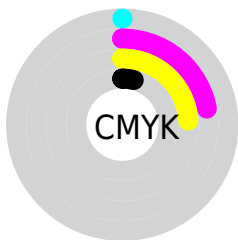
Distribution



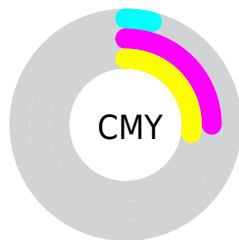
- Red (96%)
- Green (75%)
- Blue (73%)



- Red (96%)
- Yellow (75%)
- Blue (73%)



- Cyan (0%)
- Magenta (22%)
- Yellow (24%)
- Black (4%)





- Cyan (4%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.8266, 59.7422, 54.0136 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 64.8266, 59.7422, 54.0136 by changing the saturation by 10% instead.


 64.8266, 59.7422,
54.0136

 64.8266, 59.7422,
54.0136


431.7237,
423.6469, 419.3380

 47.5847, 43.2109,
38.2193


 110.8676,
104.4556, 97.5508

 33.7080, 30.0506,
25.8498


140.3974,
133.4065, 126.1308

 22.8312, 19.8770,
16.4865


174.7539,
167.2660, 159.8098

 14.5889, 12.3057,
9.7110

214.3024,
206.4185, 199.0062

 8.6158, 6.9522,
5.1047

259.4082,
251.2485, 244.1387

 4.5465, 3.4322,
2.2490

310.4368,

 2.0157, 1.3613,

302.1403, 295.6258

0.7024

367.7535,
359.4783, 353.8861

■ 0.6428, 0.1880,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.8266, 59.7422,
54.0136

■ 64.8266, 59.7422,
54.0136

■ 57.9651, 49.8075,
40.0468

■ 72.8864, 71.3594,
70.5798

■ 52.2400, 41.4695,
28.5441

■ 82.1929, 84.7234,
89.8642

■ 47.5913, 34.6473,
19.3633

■ 91.4663, 98.1525,
108.7323

■ 43.9512, 29.2497,
12.3464

■ 41.2445, 25.1755,
7.3154

■ 39.3851, 22.3104,
4.0643

■ 38.2709, 20.5202,
2.3416

■ 37.9142, 19.9284,
1.8483

Harmonies

Analogous

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



65.9436, 59.7422, 65.9111



64.8266, 59.7422, 54.0136



61.5226, 59.7422, 46.0941

Triad

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



64.8266, 59.7422, 54.0136



49.7079, 59.7422, 52.7110



56.4840, 59.7422, 93.3102

Complementary

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



64.8266, 59.7422, 54.0136



67.6482, 79.2247, 98.1130

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.



52.2936, 59.7422, 88.5965



64.8266, 59.7422, 54.0136



48.5129, 59.7422, 64.1947

Square

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



64.8266, 59.7422, 54.0136



52.7864, 59.7422, 45.4153



49.4342, 59.7422, 77.4938



60.9767, 59.7422, 89.6551

Rectangle

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



64.8266, 59.7422, 54.0136



58.6096, 59.7422, 43.5647



49.4342, 59.7422, 77.4938



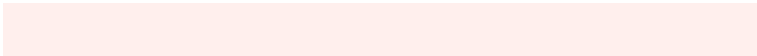
54.9951, 59.7422, 92.6404

Sweetspot

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



64.8282, 59.7450, 54.0148



87.3089, 88.9050, 92.7944



70.7338, 60.4024, 90.3692



18.5518, 18.8344, 19.5799



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.



64.8282, 59.7450, 54.0148



67.4023, 60.2317, 51.8164



72.0068, 74.1022, 56.4077



16.6102, 16.7045, 17.1464



20.4645, 10.8146, 1.0088



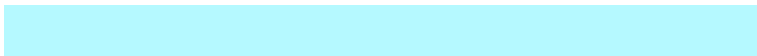
1.8361, 1.0253, 0.1011

Inverse Universe

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



67.6482, 79.2247, 98.1130



70.9414, 84.6971, 107.2169



59.5362, 63.0007, 95.4090



16.8716, 18.5074, 21.2256



23.3706, 32.5350, 51.5861



2.0883, 2.9280, 4.5453

Previews

White Background



This preview shows how the XYZ color 64.8266, 59.7422, 54.0136 looks on a white background.

Color Contrast Check

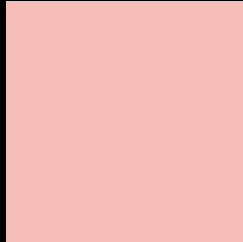
Large Text (above 18pt) WCAG AA × Fail

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 64.8266, 59.7422, 54.0136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

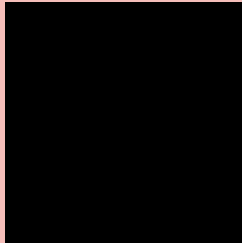
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.8266, 59.7422, 54.0136

Background



This preview shows how black text looks on a background with the XYZ color 64.8266, 59.7422, 54.0136.



This preview shows how white text looks on a background with the XYZ color 64.8266, 59.7422,

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

64.8266, 59.7422, 54.0136

Protanopia

57.4487, 60.2193, 58.4648

Deuteranopia

61.0248, 59.7635, 53.6666



Tritanopia

66.7888, 59.5791, 63.8569

Trichromacy



Original Color

64.8266, 59.7422, 54.0136

Protanomaly

59.8108, 59.7503, 56.5247

Deuteranomaly

62.2045, 59.7064, 53.5934

Tritanomaly

65.9531, 59.5448, 60.2417

Monochromacy



Original Color

64.8266, 59.7422, 54.0136

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

60.3625, 60.6014, 61.9419

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.8266, 59.7422, 54.0136 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(245, 190, 185)` looks like.

```
.text, #text, p{  
    color:rgb(245, 190, 185)  
}
```

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(245, 190, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 190, 185) }
```

Border

The CSS property to change the border of an element to XYZ 64.8266, 59.7422, 54.0136 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(245, 190, 185) }
```


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

```
.border{ border-color:rgb(245, 190, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 190, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 190, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 190, 185);  
box-shadow:4px 4px 4px 4px rgb(245, 190,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 64.8266, 59.7422, 54.0136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 190, 185) }
```

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

```
.background{ background-color: rgb(245,  
190, 185) }
```

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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