

Converting Colors

XYZ(63.2037, 53.9186, 61.9534)

Have a look what the booklet for
XYZ(63.2037, 53.9186, 61.9534)
contains.

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Color

**XYZ(63.2176, 53.8547,
61.7067)**

Conversions

Conversions Part 1

Format	Color
Hex	F5AEC8
RGB	245, 174, 200
RGB Percent	96%, 68%, 78%
CMY	0.0392, 0.3176, 0.2157
CMYK	0.00, 0.29, 0.18, 0.04
HSL	338°, 78%, 82%
HSV	338°, 29%, 96%
XYZ	63.2176, 53.8547, 61.7067
YIQ	198.1930, 33.9700, 23.1380

Conversions

Conversions Part 2

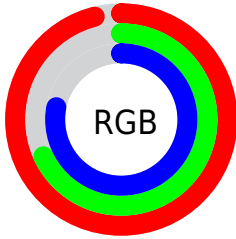
Format	Color
R_{YB}	245, 174, 200
Decimal	16101064
CIE _{Lab}	78.38, 29.65, -2.79
CIE _{LCh}	78, 29.786, 354.626
Yxy	53.8547, 0.3536, 0.3012
Android (android.graphics.Color)	4294291144 (0xFFF5AEC8)
YUV	198.1930, 0.8909, 41.0497
Hunter-Lab	73.3858, 25.3424, 1.5158

Details

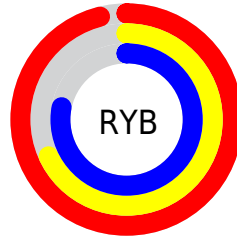
The XYZ color **63.2176, 53.8547, 61.7067** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.8964, 79.4194, 79.0361**, and the grayscale version is **53.7754, 56.5759, 61.6112**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **32.7647, 26.4414, 30.5709** is the 20% darker color. If you saturate the color by 10%, you get **57.1854, 44.5484, 51.1920**, and if you desaturate by 10%, it is **70.3004, 64.9661, 73.4824**.

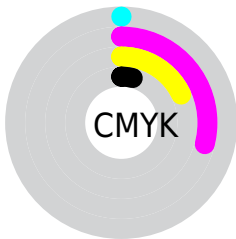
Distribution



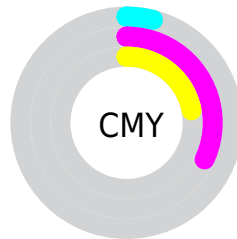
- Red (96%)
- Green (68%)
- Blue (78%)



- Red (96%)
- Yellow (68%)
- Blue (78%)



- Cyan (0%)
- Magenta (29%)
- Yellow (18%)
- Black (4%)





- Cyan (4%)
- Magenta (32%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.2176, 53.8547, 61.7067 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 63.2176, 53.8547, 61.7067 by changing the saturation by 10% instead.

 63.2176, 53.8547,
61.7067

 63.2176, 53.8547,
61.7067


426.0059,
401.5557, 448.8385

 46.2766, 38.4855,
44.3615


 108.5634, 95.8609,
108.8690

 32.6697, 26.3597,
30.6155

137.6989,
123.2666, 139.5232

 22.0315, 17.0929,
20.0502


171.6300,
155.4534, 175.4507

 13.9968, 10.3008,
12.2471

210.7220,
192.8055, 217.0702

 8.2001, 5.5988,
6.7876

255.3402,
235.7074, 264.8002

 4.2762, 2.6027,
3.2532

305.8500,

 1.8595, 0.9280,

284.5435, 319.0593

1.2253

362.6168,
339.6981, 380.2658

■ 0.5531, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.2176, 53.8547,
61.7067

■ 63.2176, 53.8547,
61.7067

■ 57.1854, 44.5484,
51.1920

■ 70.3004, 64.9661,
73.4824

■ 52.1469, 36.9437,
41.8904

■ 78.4780, 77.9641,
86.5578

■ 48.0463, 30.9379,
33.7557

■ 87.7973, 92.9342,
100.9740

■ 44.8204, 26.4139,
26.7370

■ 91.4665, 98.1526,
108.7323

■ 42.3974, 23.2387,
20.7789

■ 40.6932, 21.2546,
15.8198

■ 39.5848, 20.2275,
11.7828

■ 39.4896, 20.1459,
11.4153

Harmonies

Analogous

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



60.9136, 53.8547, 79.3259



63.2176, 53.8547, 61.7067



62.1039, 53.8547, 46.2180

Triad

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



63.2176, 53.8547, 61.7067



46.6436, 53.8547, 33.9667



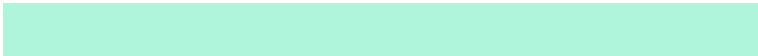
44.9500, 53.8547, 89.0094

Complementary

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



63.2176, 53.8547, 61.7067



62.8964, 79.4194, 79.0361

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.



41.6313, 53.8547, 73.1061



63.2176, 53.8547, 61.7067



42.5556, 53.8547, 41.9023

Square

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



63.2176, 53.8547, 61.7067



52.2476, 53.8547, 32.0665



40.7891, 53.8547, 55.6739



50.1414, 53.8547, 96.8964

Rectangle

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



63.2176, 53.8547, 61.7067



59.6139, 53.8547, 38.8020



40.7891, 53.8547, 55.6739



43.5947, 53.8547, 84.2928

Sweetspot

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



63.2191, 53.8572, 61.7078



85.9063, 85.3196, 94.7322



60.8229, 51.9223, 93.2031



18.0917, 17.7896, 19.8105



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.



63.2191, 53.8572, 61.7078



65.0735, 52.5387, 60.3975



62.3280, 56.5308, 47.6739



16.7499, 16.5828, 18.4298



21.3345, 10.8772, 6.4696



1.9228, 0.9751, 0.8197

Inverse Universe

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



63.2191, 53.8572, 61.7078



65.0735, 52.5387, 60.3975



63.8001, 75.3153, 97.5615



16.7499, 16.5828, 18.4298



21.3345, 10.8772, 6.4696



1.9228, 0.9751, 0.8197

Previews

White Background



This preview shows how the XYZ color 63.2176, 53.8547, 61.7067 looks on a white background.

Color Contrast Check

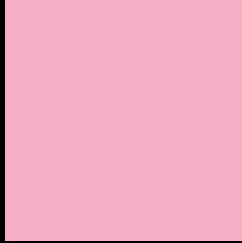
Large Text (above 18pt) WCAG AA × Fail

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 63.2176, 53.8547, 61.7067 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 63.2176, 53.8547, 61.7067

Background



This preview shows how black text looks on a background with the XYZ color 63.2176, 53.8547, 61.7067.



This preview shows how white text looks on a background with the XYZ color 63.2176, 53.8547,

61.7067.

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

63.2176, 53.8547, 61.7067

Protanopia

52.8202, 54.1805, 69.3020

Deuteranopia

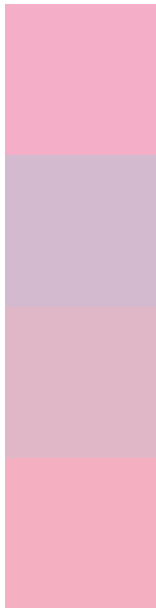
55.2126, 53.9947, 60.3353



Tritanopia

62.0189, 53.9579, 55.2903

Trichromacy



Original Color

63.2176, 53.8547, 61.7067

Protanomaly

55.9728, 53.6199, 66.4311

Deuteranomaly

57.8670, 53.7915, 60.7590

Tritanomaly

62.2638, 53.7433, 57.5439

Monochromacy



Original Color

63.2176, 53.8547, 61.7067

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

56.5307, 54.9658, 61.6628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2176, 53.8547, 61.7067 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, 174, 200)` looks like.

```
.text, #text, p{  
    color:rgb(245, 174, 200)  
}
```

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, 174, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 174, 200) }
```

Border

The CSS property to change the border of an element to XYZ 63.2176, 53.8547, 61.7067 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, 174, 200) }
```


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

```
.border{ border-color:rgb(245, 174, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 174, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 174, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 174, 200);  
box-shadow:4px 4px 4px 4px rgb(245, 174,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2176, 53.8547, 61.7067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 174, 200) }
```

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

```
.background{ background-color: rgb(245,  
174, 200) }
```

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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