

Converting Colors

XYZ(100.1032, 76.8806,
52.7166)

Have a look what the booklet for
XYZ(100.1032, 76.8806, 52.7166)
contains.

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Color

**XYZ(67.2485, 60.0959,
51.2353)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBBB4
RGB	255, 187, 180
RGB Percent	100%, 73%, 71%
CMY	0.0000, 0.2666, 0.2941
CMYK	0.00, 0.27, 0.29, 0.00
HSL	6°, 100%, 85%
HSV	6°, 29%, 100%
XYZ	67.2485, 60.0959, 51.2353
YIQ	206.5340, 42.7750, 12.2390

Conversions

Conversions Part 2

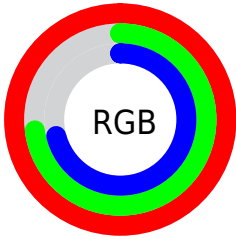
Format	Color
R _Y B	255, 188, 180
Decimal	16759732
CIE Lab	81.89, 23.60, 13.22
CIE LCh	82, 27.046, 29.251
Yxy	60.0959, 0.3766, 0.3365
Android (android.graphics.Color)	4294949812 (0xFFFFBBB4)
YUV	206.5340, -13.0813, 42.5047
Hunter-Lab	77.5215, 19.1827, 15.0793

Details

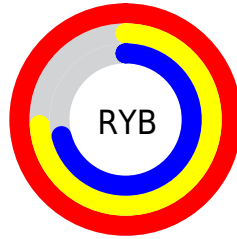
The XYZ color **67.2485, 60.0959, 51.2353** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.4386, 84.0552, 107.1195**, and the grayscale version is **59.0720, 62.1483, 67.6795**.

A 20% lighter version of the original color is **88.4309, 91.4173, 92.3414**, and **35.2443, 30.1777, 24.0460** is the 20% darker color. If you saturate the color by 10%, you get **60.3700, 50.1207, 37.2837**, and if you desaturate by 10%, it is **75.3975, 71.8468, 67.9694**.

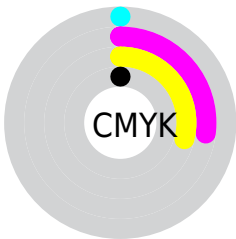
Distribution



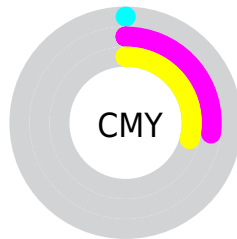
- Red (100%)
- Green (73%)
- Blue (71%)



- Red (100%)
- Yellow (74%)
- Blue (71%)



- Cyan (0%)
- Magenta (27%)
- Yellow (29%)
- Black (0%)




- Cyan (0%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.2485, 60.0959, 51.2353 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 67.2485, 60.0959, 51.2353 by changing the saturation by 10% instead.


 67.2485, 60.0959,
51.2353

 67.2485, 60.0959,
51.2353


440.2474,
424.9512, 408.3499

 49.5580, 43.4959,
36.0179


 114.3242,
104.9688, 93.4176

 35.2787, 30.2744,
24.1582


144.4402,
134.0105, 121.2195

 24.0452, 20.0470,
15.2377


179.4288,
167.9682, 154.0533

 15.4921, 12.4292,
8.8379

219.6553,
207.2264, 192.3375

 9.2540, 7.0367,
4.5403

265.4850,
252.1693, 236.4908

 4.9657, 3.4851,
1.9262

317.2834,

 2.2617, 1.3899,

303.1815, 286.9316

0.5093

375.4157,
360.6473, 344.0784

■ 0.7749, 0.2093,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.2485, 60.0959,
51.2353

■ 67.2485, 60.0959,
51.2353

■ 60.3700, 50.1207,
37.2837

■ 75.3975, 71.8468,
67.9694

■ 54.6935, 41.8270,
25.9601

■ 84.8717, 85.4451,
87.6217

■ 50.1509, 35.1243,
17.1007

95.0500, 100.0000,
108.9000

■ 46.6655, 29.9107,
10.5218

■ 44.1509, 26.0719,
6.0137

■ 42.5070, 23.4774,
3.3282

■ 41.5997, 21.9662,
2.0905

■ 41.5629, 21.9058,
2.0376

Harmonies

Analogous

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



68.8212, 60.0959, 65.8461



67.2485, 60.0959, 51.2353



62.9211, 60.0959, 41.9519

Triad

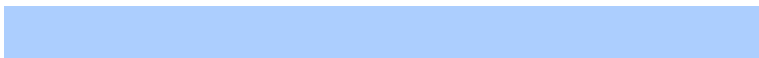
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.2485, 60.0959, 51.2353



48.1901, 60.0959, 50.6329



56.9759, 60.0959, 102.1976

Complementary

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



67.2485, 60.0959, 51.2353



70.4386, 84.0552, 107.1195

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.



51.6856, 60.0959, 96.3629



67.2485, 60.0959, 51.2353



46.8254, 60.0959, 65.0240

Square

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



67.2485, 60.0959, 51.2353



51.9186, 60.0959, 41.6470



48.0621, 60.0959, 82.0403



62.6564, 60.0959, 96.8959

Rectangle

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



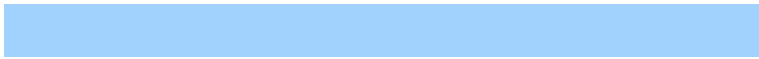
67.2485, 60.0959, 51.2353



59.1924, 60.0959, 39.1395



48.0621, 60.0959, 82.0403



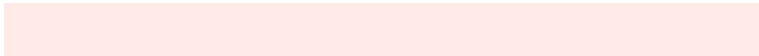
55.0952, 60.0959, 101.4600

Sweetspot

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



67.2500, 60.0987, 51.2365



85.2906, 86.0450, 88.4942



74.6215, 60.7270, 97.2068



17.9408, 17.9660, 18.2856



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.



67.2500, 60.0987, 51.2365



63.2527, 54.3094, 43.1053



76.0670, 77.7327, 54.1755



18.1458, 18.2597, 18.7124



21.7629, 11.5370, 1.0798



2.1628, 1.2109, 0.1197

Inverse Universe

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



70.4386, 84.0552, 107.1195



66.8816, 81.6162, 106.8362



60.2293, 63.6367, 103.7164



18.4013, 20.1742, 23.1741



24.4494, 33.8084, 54.6716



2.4211, 3.3729, 5.3367

Previews

White Background



This preview shows how the XYZ color 67.2485, 60.0959, 51.2353 looks on a white background.

Color Contrast Check

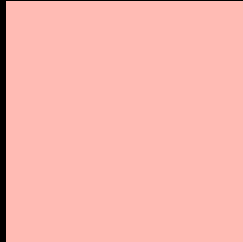
Large Text (above 18pt) WCAG AA × Fail

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 67.2485, 60.0959, 51.2353 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 67.2485, 60.0959, 51.2353

Background



This preview shows how black text looks on a background with the XYZ color 67.2485, 60.0959, 51.2353.



This preview shows how white text looks on a background with the XYZ color 67.2485, 60.0959,

51.2353.

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

67.2485, 60.0959, 51.2353

Protanopia

57.2970, 60.1916, 56.1752

Deuteranopia

61.3801, 60.0178, 50.4690



Tritanopia

68.8978, 60.0814, 61.9984

Trichromacy



Original Color

67.2485, 60.0959, 51.2353

Protanomaly

60.4018, 59.7662, 54.2515

Deuteranomaly

63.4823, 60.0954, 50.9015

Tritanomaly

68.3133, 60.1836, 57.8853

Monochromacy



Original Color

67.2485, 60.0959, 51.2353

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

61.4728, 61.1871, 61.3936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2485, 60.0959, 51.2353 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, 187, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 180)  
}
```

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, 187, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 180) }
```

Border

The CSS property to change the border of an element to XYZ 67.2485, 60.0959, 51.2353 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, 187, 180) }
```


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

```
.border{ border-color:rgb(255, 187, 180) }
```

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

Here you see how a box with a 4 pixel rgb(255, 187, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2485, 60.0959, 51.2353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 180) }
```

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

```
.background{ background-color: rgb(255,  
187, 180) }
```

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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