

Converting Colors

XYZ(65.3455, 60.0987, 64.6560)

Have a look what the booklet for
XYZ(65.3455, 60.0987, 64.6560)
contains.

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Color

**XYZ(65.3455, 60.0987,
64.6560)**

Conversions

Conversions Part 1

Format	Color
Hex	F0BFCB
RGB	240, 191, 203
RGB Percent	94%, 75%, 80%
CMY	0.0588, 0.2510, 0.2039
CMYK	0.00, 0.20, 0.15, 0.06
HSL	345°, 62%, 85%
HSV	345°, 20%, 94%
XYZ	65.3455, 60.0987, 64.6560
YIQ	207.0190, 25.3520, 14.1200

Conversions

Conversions Part 2

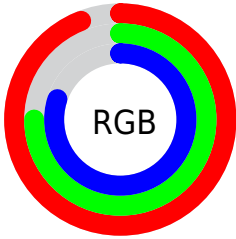
Format	Color
R _Y B	240, 191, 203
Decimal	15777739
CIE Lab	81.89, 19.35, 0.67
CIE LCh	82, 19.359, 1.996
Yxy	60.0987, 0.3437, 0.3161
Android (android.graphics.Color)	4293967819 (0xFFFF0BFCEB)
YUV	207.0190, -1.9814, 28.9243
Hunter-Lab	77.5234, 14.7942, 4.8173

Details

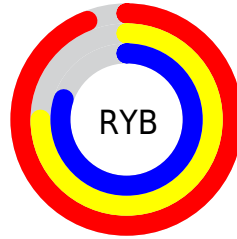
The XYZ color **65.3455, 60.0987, 64.6560** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.6520, 78.9995, 85.1383**, and the grayscale version is **59.3228, 62.4122, 67.9669**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **33.8989, 30.1285, 32.4625** is the 20% darker color. If you saturate the color by 10%, you get **58.4992, 49.6625, 52.3335**, and if you desaturate by 10%, it is **73.3053, 72.3565, 78.5968**.

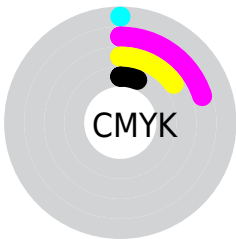
Distribution



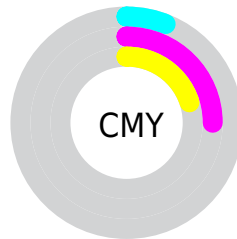
- Red (94%)
- Green (75%)
- Blue (80%)



- Red (94%)
- Yellow (75%)
- Blue (80%)



- Cyan (0%)
- Magenta (20%)
- Yellow (15%)
- Black (6%)





- Cyan (6%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.3455, 60.0987, 64.6560 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 65.3455, 60.0987, 64.6560 by changing the saturation by 10% instead.


 65.3455, 60.0987,
64.6560

 65.3455, 60.0987,
64.6560


433.5581,
424.9615, 459.8271

 48.0070, 43.4982,
46.7326

 111.6094,
104.9728, 113.1637

 34.0437, 30.2762,
32.4715


141.2655,
134.0152, 144.5851

 23.0902, 20.0483,
21.4541


175.7582,
167.9738, 181.3429

 14.7812, 12.4302,
13.2619

215.4529,
207.2327, 223.8556

 8.7513, 7.0374,
7.4763

260.7148,
252.1766, 272.5419

 4.6351, 3.4855,
3.6788

311.9095,

 2.0673, 1.3901,

303.1898, 327.8202

1.4508

369.4021,
360.6566, 390.1091

■ 0.6714, 0.2094,
0.1809

■ 0.0000, 0.0000,
0.0000

■ 65.3455, 60.0987,
64.6560

■ 65.3455, 60.0987,
64.6560

■ 58.4992, 49.6625,
52.3335

■ 73.3053, 72.3565,
78.5968

■ 52.7110, 40.9529,
41.5661

■ 82.4206, 86.5087,
94.2086

■ 47.9282, 33.8785,
32.2917

■ 89.7455, 97.2654,
108.6518

■ 44.0914, 28.3361,
24.4427

■ 41.1349, 24.2109,
17.9457

■ 38.9841, 21.3716,
12.7205

■ 37.5511, 19.6621,
8.6776

■ 36.7187, 18.8387,
5.8059

Harmonies

Analogous

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



64.3489, 60.0987, 76.5895



65.3455, 60.0987, 64.6560



64.0528, 60.0987, 54.2165

Triad

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



65.3455, 60.0987, 64.6560



53.0564, 60.0987, 48.1380



53.5093, 60.0987, 87.3997

Complementary

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



65.3455, 60.0987, 64.6560



66.6520, 78.9995, 85.1383

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.



50.7101, 60.0987, 78.1083



65.3455, 60.0987, 64.6560



50.4575, 60.0987, 55.4238

Square

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



65.3455, 60.0987, 64.6560



56.8486, 60.0987, 45.4146



49.6191, 60.0987, 66.2248



57.3963, 60.0987, 90.6193

Rectangle

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



65.3455, 60.0987, 64.6560



62.1011, 60.0987, 49.2495



49.6191, 60.0987, 66.2248



52.4165, 60.0987, 84.8324

Sweetspot

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



65.3472, 60.1014, 64.6573



88.5569, 89.9017, 97.8328



66.2767, 60.0089, 90.5285



18.8099, 19.0178, 20.6915



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.



65.3472, 60.1014, 64.6573



71.9691, 64.3473, 68.8083



66.7562, 65.1195, 58.3445



15.9315, 15.8223, 17.1954



20.1442, 10.3301, 3.4098



1.7140, 0.8746, 0.4846

Inverse Universe

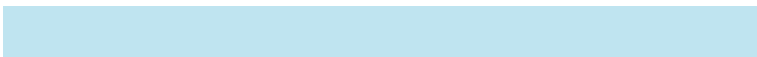
The Inverse Universe completely reimagines the original color for something new.



65.3472, 60.1014, 64.6573



71.9691, 64.3473, 68.8083



64.8909, 72.7189, 93.0548



15.9315, 15.8223, 17.1954



20.1442, 10.3301, 3.4098



1.7140, 0.8746, 0.4846

Previews

White Background



This preview shows how the XYZ color 65.3455, 60.0987, 64.6560 looks on a white background.

Color Contrast Check

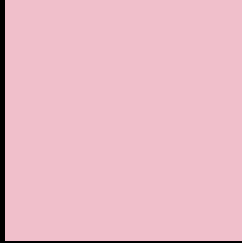
Large Text (above 18pt) WCAG AA × Fail

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 65.3455, 60.0987, 64.6560 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 65.3455, 60.0987, 64.6560

Background



This preview shows how black text looks on a background with the XYZ color 65.3455, 60.0987, 64.6560.



This preview shows how white text looks on a background with the XYZ color 65.3455, 60.0987,

64.6560.

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

65.3455, 60.0987, 64.6560

Protanopia

58.4424, 60.4868, 69.5676

Deuteranopia

61.3674, 60.0441, 64.2324



Tritanopia

65.5854, 60.1946, 65.9196

Trichromacy



Original Color

65.3455, 60.0987, 64.6560

Protanomaly

60.5994, 60.2573, 67.4684

Deuteranomaly

62.8089, 60.1175, 64.1706

Tritanomaly

65.4651, 60.1465, 65.2858

Monochromacy



Original Color

65.3455, 60.0987, 64.6560

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

61.2406, 61.2896, 66.9949

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3455, 60.0987, 64.6560 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(240, 191, 203)` looks like.

```
.text, #text, p{  
    color:rgb(240, 191, 203)  
}
```

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(240, 191, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 191, 203) }
```

Border

The CSS property to change the border of an element to XYZ 65.3455, 60.0987, 64.6560 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(240, 191, 203) }
```


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

```
.border{ border-color:rgb(240, 191, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 191, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 191, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 191, 203);  
box-shadow:4px 4px 4px 4px rgb(240, 191,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3455, 60.0987, 64.6560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 191, 203) }
```

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

```
.background{ background-color: rgb(240,  
191, 203) }
```

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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