

Converting Colors

XYZ(66.4497, 56.0579, 63.8179)

Have a look what the booklet for
XYZ(66.4497, 56.0579, 63.8179)
contains.

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Color

**XYZ(66.4497, 56.0579,
63.8179)**

Conversions

Conversions Part 1

Format	Color
Hex	FCB0CB
RGB	252, 176, 203
RGB Percent	99%, 69%, 80%
CMY	0.0118, 0.3098, 0.2039
CMYK	0.00, 0.30, 0.19, 0.01
HSL	339°, 93%, 84%
HSV	339°, 30%, 99%
XYZ	66.4497, 56.0579, 63.8179
YIQ	201.8020, 36.6290, 24.5090

Conversions

Conversions Part 2

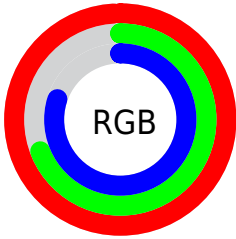
Format	Color
R _Y B	252, 176, 203
Decimal	16560331
CIE Lab	79.65, 31.50, -2.47
CIE LCh	80, 31.593, 355.522
Yxy	56.0579, 0.3566, 0.3009
Android (android.graphics.Color)	4294750411 (0xFFFCB0CB)
YUV	201.8020, 0.5906, 44.0236
Hunter-Lab	74.8718, 27.3953, 1.8737

Details

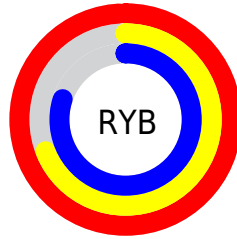
The XYZ color **66.4497, 56.0579, 63.8179** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **66.3079, 84.2886, 84.0127**, and the grayscale version is **55.9974, 58.9137, 64.1570**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **34.7559, 27.8052, 31.9689** is the 20% darker color. If you saturate the color by 10%, you get **60.1237, 46.3437, 52.6514**, and if you desaturate by 10%, it is **73.8989, 67.6927, 76.3613**.

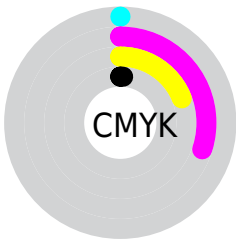
Distribution



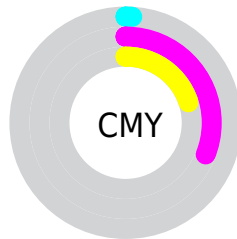
- Red (99%)
- Green (69%)
- Blue (80%)



- Red (99%)
- Yellow (69%)
- Blue (80%)



- Cyan (0%)
- Magenta (30%)
- Yellow (19%)
- Black (1%)



- Cyan (1%)
- Magenta (31%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.4497, 56.0579, 63.8179 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 66.4497, 56.0579, 63.8179 by changing the saturation by 10% instead.

66.4497, 56.0579,
63.8179

66.4497, 56.0579,
63.8179

437.4468,
409.9097, 456.7211

48.9066, 40.2493,
46.0580

113.1857, 99.0892,
111.9456

34.7596, 27.7330,
31.9426

143.1093,
127.0808, 143.1504

23.6434, 18.1245,
21.0532

177.8904,
159.9022, 179.6739

15.1926, 11.0394,
12.9713

217.8945,
197.9377, 221.9347

9.0419, 6.0933,
7.2783

263.4868,
241.5718, 270.3513

4.8258, 2.9019,
3.5557

315.0327,

2.1791, 1.0807,

291.1889, 325.3422

1.3849

372.8976,
347.1734, 387.3260

■ 0.7317, 0.0000,
0.1299

■ 0.0000, 0.0000,
0.0000

■ 66.4497, 56.0579,
63.8179

■ 66.4497, 56.0579,
63.8179

■ 60.1237, 46.3437,
52.6514

■ 73.8989, 67.6927,
76.3613

■ 54.8592, 38.4381,
42.8087

■ 82.5196, 81.3365,
90.3253

■ 50.5954, 32.2296,
34.2380

■ 92.3625, 97.0816,
105.7555

■ 47.2632, 27.5909,
26.8821

■ 93.9551, 99.4356,
108.8488

■ 44.7839, 24.3764,
20.6790

■ 43.0647, 22.4130,
15.5590

■ 41.9701, 21.4255,
11.4888

Harmonies

Analogous

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



64.0300, 56.0579, 83.1279



66.4497, 56.0579, 63.8179



65.1172, 56.0579, 47.1364

Triad

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



66.4497, 56.0579, 63.8179



48.1762, 56.0579, 34.5379



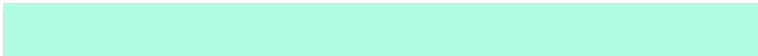
46.6437, 56.0579, 94.7630

Complementary

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



66.4497, 56.0579, 63.8179



66.3079, 84.2886, 84.0127

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.



42.9743, 56.0579, 77.4338



66.4497, 56.0579, 63.8179



43.8084, 56.0579, 43.2545

Square

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



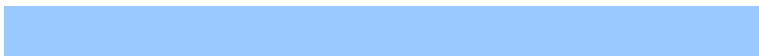
66.4497, 56.0579, 63.8179



54.2435, 56.0579, 32.3187



41.9789, 56.0579, 58.3391



52.3306, 56.0579, 103.1157

Rectangle

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



66.4497, 56.0579, 63.8179



62.3326, 56.0579, 39.2728



41.9789, 56.0579, 58.3391



45.1517, 56.0579, 89.6453

Sweetspot

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



66.4513, 56.0605, 63.8190



85.8690, 85.3047, 94.5355



63.8800, 53.9504, 99.1426



18.0826, 17.7859, 19.7623



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.



66.4513, 56.0605, 63.8190



64.3149, 51.5023, 58.6621



65.5703, 59.0067, 49.0110



17.4993, 17.3271, 19.2190



21.9260, 11.1861, 6.3185



2.0791, 1.0554, 0.8401

Inverse Universe

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



66.4513, 56.0605, 63.8190



64.3149, 51.5023, 58.6621



67.1895, 79.6849, 103.9354



17.4993, 17.3271, 19.2190



21.9260, 11.1861, 6.3185



2.0791, 1.0554, 0.8401

Previews

White Background



This preview shows how the XYZ color 66.4497, 56.0579, 63.8179 looks on a white background.

Color Contrast Check

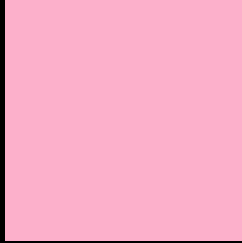
Large Text (above 18pt) WCAG AA × Fail

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 66.4497, 56.0579, 63.8179 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 66.4497, 56.0579, 63.8179

Background



This preview shows how black text looks on a background with the XYZ color 66.4497, 56.0579, 63.8179.



This preview shows how white text looks on a background with the XYZ color 66.4497, 56.0579,

63.8179.

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

66.4497, 56.0579, 63.8179

Protanopia

54.7706, 56.1219, 72.2359

Deuteranopia

57.5939, 56.4683, 62.5075



Tritanopia

65.2185, 56.1558, 57.2709

Trichromacy



Original Color

66.4497, 56.0579, 63.8179



Protanomaly

58.2744, 55.6973, 69.3073



Deuteranomaly

60.4146, 55.9929, 62.8819



Tritanomaly

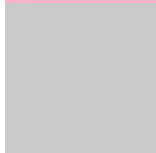
65.4696, 55.9390, 59.5712

Monochromacy



Original Color

66.4497, 56.0579, 63.8179



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

59.2458, 57.6198, 63.8763

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4497, 56.0579, 63.8179 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(252, 176, 203)` looks like.

```
.text, #text, p{  
    color:rgb(252, 176, 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(252, 176, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 176, 203) }
```

Border

The CSS property to change the border of an element to XYZ 66.4497, 56.0579, 63.8179 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(252, 176, 203) }
```


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

```
.border{ border-color:rgb(252, 176, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 176, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 176, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 176, 203);  
box-shadow:4px 4px 4px 4px rgb(252, 176,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4497, 56.0579, 63.8179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 176, 203) }
```

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

```
.background{ background-color: rgb(252,  
176, 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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