

Converting Colors

XYZ(67.6676, 53.2120, 77.6899)

Have a look what the booklet for
XYZ(67.6676, 53.2120, 77.6899)
contains.

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Color

**XYZ(67.9188, 53.4173,
77.9650)**

Conversions

Conversions Part 1

Format	Color
Hex	FEA5E1
RGB	254, 165, 225
RGB Percent	100%, 65%, 88%
CMY	0.0039, 0.3529, 0.1176
CMYK	0.00, 0.35, 0.11, 0.00
HSL	320°, 98%, 82%
HSV	320°, 35%, 100%
XYZ	67.9188, 53.4173, 77.9650
YIQ	198.4510, 33.7840, 37.5280

Conversions

Conversions Part 2

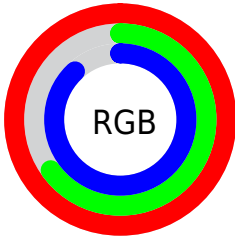
Format	Color
R_{YB}	254, 165, 225
Decimal	16688609
CIE _{Lab}	78.12, 41.32, -16.65
CIE _{LCh}	78, 44.549, 338.053
Yxy	53.4173, 0.3408, 0.2680
Android (android.graphics.Color)	4294878689 (0xFFFEA5E1)
YUV	198.4510, 13.0887, 48.7165
Hunter-Lab	73.0871, 37.9749, -12.0860

Details

The XYZ color **67.9188, 53.4173, 77.9650** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.6987, 82.7796, 63.8214**, and the grayscale version is **53.8607, 56.6656, 61.7089**.

A 20% lighter version of the original color is **85.1465, 80.1929, 105.5988**, and **35.7051, 26.0069, 41.1682** is the 20% darker color. If you saturate the color by 10%, you get **62.6826, 44.7076, 70.7833**, and if you desaturate by 10%, it is **74.1227, 63.9732, 85.7405**.

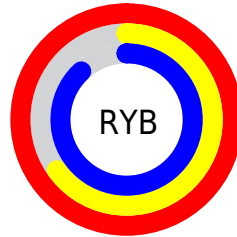
Distribution



Red (100%)

Green (65%)

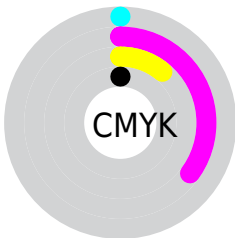
Blue (88%)



Red (100%)

Yellow (65%)

Blue (88%)

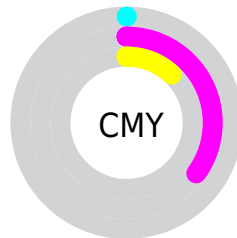


Cyan (0%)

Magenta (35%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.9188, 53.4173, 77.9650 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 67.9188, 53.4173, 77.9650 by changing the saturation by 10% instead.


 67.9188, 53.4173,
77.9650


 67.9188, 53.4173,
77.9650


442.5895,
399.8841, 507.5727

 50.1051, 38.1360,
57.5289


 115.2785, 95.2181,
132.2862

 35.7151, 26.0883,
41.0179


 145.5553,
122.5065, 167.0084

 24.3833, 16.8897,
28.0132


180.7171,
154.5659, 207.3298

 15.7445, 10.1559,
18.0965

221.1293,
191.7809, 253.6689

 9.4332, 5.5024,
10.8491

267.1573,
234.5358, 306.4441

 5.0842, 2.5450,
5.8526

319.1664,

 2.3320, 0.8991,

283.2151, 366.0742

2.6883

377.5220,
338.2030, 432.9775

■ 0.8110, 0.0000,
0.9375

■ 0.0000, 0.0000,
0.0000

■ 67.9188, 53.4173,
77.9650

■ 67.9188, 53.4173,
77.9650

■ 62.6826, 44.7076,
70.7833

■ 74.1227, 63.9732,
85.7405

■ 58.3543, 37.7282,
64.1700

■ 81.3399, 76.4676,
94.1269

■ 54.8749, 32.3616,
58.1021

■ 89.6188, 90.9954,
103.1447

■ 52.1761, 28.4722,
52.5528

94.6835, 99.8110,
108.8828

■ 50.1783, 25.9022,
47.4917

■ 48.7836, 24.4574,
42.8820

■ 48.2463, 24.0202,
40.7375

Harmonies

Analogous

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



61.7946, 53.4173, 104.6229



67.9188, 53.4173, 77.9650



69.1981, 53.4173, 51.7067

Triad

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



67.9188, 53.4173, 77.9650



48.4643, 53.4173, 22.4576



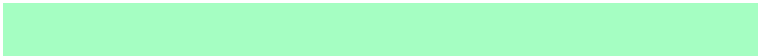
38.7071, 53.4173, 92.9660

Complementary

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



67.9188, 53.4173, 77.9650



60.6987, 82.7796, 63.8214

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.



35.9462, 53.4173, 65.1341



67.9188, 53.4173, 77.9650



41.1441, 53.4173, 28.0095

Square

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



67.9188, 53.4173, 77.9650



57.2828, 53.4173, 24.0856



36.7844, 53.4173, 42.0335



44.7734, 53.4173, 114.8653

Rectangle

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



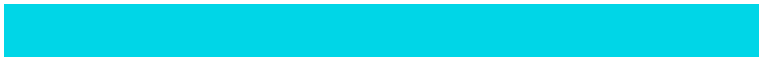
67.9188, 53.4173, 77.9650



67.0088, 53.4173, 38.4183



36.7844, 53.4173, 42.0335



37.3952, 53.4173, 83.7232

Sweetspot

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



67.9204, 53.4197, 77.9661



85.3084, 82.8160, 98.5647



53.3860, 45.4304, 99.7221



18.0223, 17.3106, 20.8359



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.



67.9204, 53.4197, 77.9661



64.7458, 47.5811, 73.5513



62.7032, 51.3329, 50.4927



18.5261, 18.1938, 21.3877



25.5065, 12.6919, 21.8495



2.5337, 1.2559, 2.3921

Inverse Universe

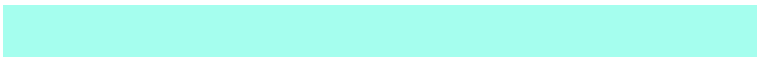
The Inverse Universe completely reimagines the original color for something new.



67.9204, 53.4197, 77.9661



64.7458, 47.5811, 73.5513



66.3469, 85.0389, 93.5641



18.5261, 18.1938, 21.3877



25.5065, 12.6919, 21.8495



2.5337, 1.2559, 2.3921

Previews

White Background



This preview shows how the XYZ color 67.9188, 53.4173, 77.9650 looks on a white background.

Color Contrast Check

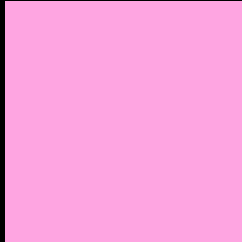
Large Text (above 18pt) WCAG AA × Fail

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 67.9188, 53.4173, 77.9650 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 67.9188, 53.4173, 77.9650

Background



This preview shows how black text looks on a background with the XYZ color 67.9188, 53.4173, 77.9650.



This preview shows how white text looks on a background with the XYZ color 67.9188, 53.4173,

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

67.9188, 53.4173, 77.9650

Protanopia

54.0834, 53.9941, 92.3654

Deuteranopia

55.0682, 53.8950, 75.9070



Tritanopia

62.6824, 53.1900, 53.4173

Trichromacy



Original Color

67.9188, 53.4173, 77.9650



Protanomaly

57.8807, 52.9219, 86.5212



Deuteranomaly

59.0213, 53.1321, 76.2520



Tritanomaly

64.3970, 53.0553, 61.4902

Monochromacy



Original Color

67.9188, 53.4173, 77.9650



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

57.8575, 54.5773, 67.1596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.9188, 53.4173, 77.9650 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(254, 165, 225)` looks like.

```
.text, #text, p{  
    color:rgb(254, 165, 225)  
}
```

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(254, 165, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 165, 225) }
```

Border

The CSS property to change the border of an element to XYZ 67.9188, 53.4173, 77.9650 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(254, 165, 225) }
```


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

```
.border{ border-color:rgb(254, 165, 225) }
```

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

Here you see how a box with a 4 pixel rgb(254, 165, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 165, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 165, 225);  
box-shadow:4px 4px 4px 4px rgb(254, 165,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 67.9188, 53.4173, 77.9650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 165, 225) }
```

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

```
.background{ background-color: rgb(254,  
165, 225) }
```

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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