

Converting Colors

XYZ(114.5846, 76.3034,
84.2266)

Have a look what the booklet for
XYZ(114.5846, 76.3034, 84.2266)
contains.

XYZ(68.4087, 52.5193, 82.1330)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(68.4087, 52.5193,
82.1330)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA1E7
RGB	255, 161, 231
RGB Percent	100%, 63%, 91%
CMY	0.0000, 0.3686, 0.0941
CMYK	0.00, 0.37, 0.09, 0.00
HSL	315°, 100%, 82%
HSV	315°, 37%, 100%
XYZ	68.4087, 52.5193, 82.1330
YIQ	197.0860, 33.5540, 41.6980

Conversions

Conversions Part 2

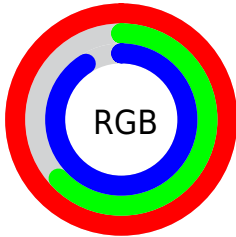
Format	Color
R _Y B	255, 161, 231
Decimal	16753127
CIE Lab	77.59, 44.68, -20.70
CIE LCh	78, 49.240, 335.144
Yxy	52.5193, 0.3369, 0.2586
Android (android.graphics.Color)	4294943207 (0xFFFFA1E7)
YUV	197.0860, 16.7196, 50.7906
Hunter-Lab	72.4702, 41.6733, -16.4663

Details

The XYZ color **68.4087, 52.5193, 82.1330** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.2167, 82.6007, 58.7243**, and the grayscale version is **53.0122, 55.7729, 60.7367**.

A 20% lighter version of the original color is **84.1029, 78.1057, 105.2510**, and **36.0215, 25.4809, 43.5772** is the 20% darker color. If you saturate the color by 10%, you get **63.4959, 44.1380, 76.0429**, and if you desaturate by 10%, it is **74.2667, 62.7359, 88.7083**.

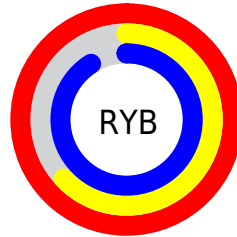
Distribution



Red (100%)

Green (63%)

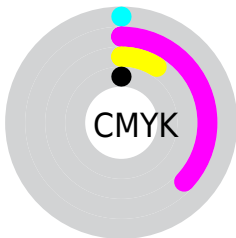
Blue (91%)



Red (100%)

Yellow (63%)

Blue (91%)

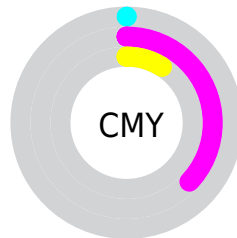


Cyan (0%)

Magenta (37%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (37%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.4087, 52.5193, 82.1330 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 68.4087, 52.5193, 82.1330 by changing the saturation by 10% instead.


 68.4087, 52.5193,
82.1330


 68.4087, 52.5193,
82.1330


444.2968,
396.4381, 521.9876

 50.5052, 37.4192,
60.9387

 115.9753, 93.8966,
138.1989

 36.0344, 25.5322,
43.7455


 146.3692,
120.9426, 173.9075

 24.6310, 16.4740,
30.1347


181.6571,
152.7394, 215.2914

 15.9296, 9.8602,
19.6880

222.2046,
189.6713, 262.7690

 9.5649, 5.3064,
11.9866

268.3770,
232.1227, 316.7588

 5.1715, 2.4281,
6.6121


320.5395,

 2.3840, 0.8403,


280.4781, 377.6795

3.1460


379.0577,
335.1217, 445.9496


 0.8371, 0.0000,
1.1697


 0.0000, 0.0000,
0.0000


 68.4087, 52.5193,
82.1330


 68.4087, 52.5193,
82.1330


 63.4959, 44.1380,
76.0429


 74.2667, 62.7359,
88.7083

 59.4688, 37.4741,
70.4143

 81.1176, 74.8831,
95.7844

 56.2665, 32.4062,
65.2259

 89.0101, 89.0575,
103.3801

 53.8186, 28.7943,
60.4521

95.0500, 100.0000,
108.9000

■ 52.0427, 26.4739,
56.0637

■ 50.8342, 25.2367,
52.0240

■ 50.5224, 24.9730,
50.8107

Harmonies

Analogous

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



61.1967, 52.5193, 111.5621



68.4087, 52.5193, 82.1330



70.4266, 52.5193, 52.6184

Triad

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



68.4087, 52.5193, 82.1330



48.2971, 52.5193, 19.2862



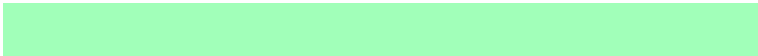
36.4132, 52.5193, 92.9221

Complementary

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



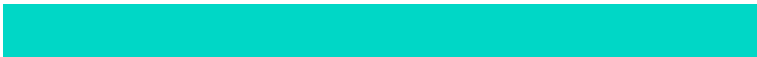
68.4087, 52.5193, 82.1330



59.2167, 82.6007, 58.7243

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.



33.8360, 52.5193, 62.0075



68.4087, 52.5193, 82.1330



40.1180, 52.5193, 24.1704

Square

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



68.4087, 52.5193, 82.1330



58.0025, 52.5193, 21.6222



35.1013, 52.5193, 37.8814



42.6219, 52.5193, 119.0516

Rectangle

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



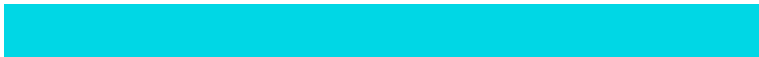
68.4087, 52.5193, 82.1330



68.3609, 52.5193, 37.7008



35.1013, 52.5193, 37.8814



35.1319, 52.5193, 82.4363

Sweetspot

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



68.4099, 52.5215, 82.1341



85.6136, 82.9381, 100.1716



50.6842, 42.9647, 100.2294



18.0953, 17.3398, 21.2202



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.



68.4099, 52.5215, 82.1341



64.8084, 46.3553, 77.7370



62.6907, 50.2338, 52.0172



18.5829, 18.2165, 21.6867



26.4628, 13.0744, 26.8853



2.6208, 1.2907, 2.8506

Inverse Universe

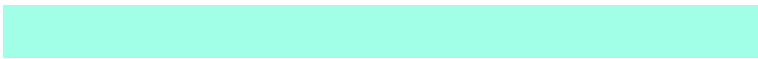
The Inverse Universe completely reimagines the original color for something new.



68.4099, 52.5215, 82.1341



64.8084, 46.3553, 77.7370



64.9540, 84.8956, 88.9363



18.5829, 18.2165, 21.6867



26.4628, 13.0744, 26.8853



2.6208, 1.2907, 2.8506

Previews

White Background



This preview shows how the XYZ color 68.4087, 52.5193, 82.1330 looks on a white background.

Color Contrast Check

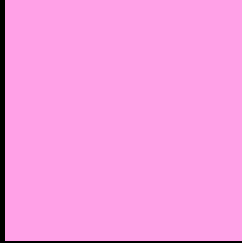
Large Text (above 18pt) WCAG AA × Fail

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 68.4087, 52.5193, 82.1330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

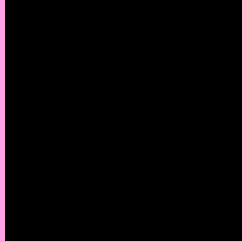
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.4087, 52.5193, 82.1330

Background



This preview shows how black text looks on a background with the XYZ color 68.4087, 52.5193, 82.1330.



This preview shows how white text looks on a background with the XYZ color 68.4087, 52.5193,

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

68.4087, 52.5193, 82.1330

Protanopia

53.7305, 53.0221, 98.6692

Deuteranopia

53.9588, 52.9268, 79.3235



Tritanopia

61.9889, 52.3081, 51.6290

Trichromacy



Original Color

68.4087, 52.5193, 82.1330



Protanomaly

57.6261, 51.7510, 92.5397



Deuteranomaly

58.2429, 52.0412, 80.3740



Tritanomaly

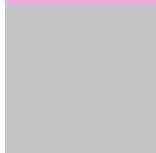
64.0277, 52.3168, 61.3671

Monochromacy



Original Color

68.4087, 52.5193, 82.1330



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

57.5626, 53.7899, 67.6702

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.4087, 52.5193, 82.1330 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, 161, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 231)  
}
```

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, 161, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 231) }
```

Border

The CSS property to change the border of an element to XYZ 68.4087, 52.5193, 82.1330 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, 161, 231) }
```


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

```
.border{ border-color:rgb(255, 161, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 161, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 68.4087, 52.5193, 82.1330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 231) }
```

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

```
.background{ background-color: rgb(255,  
161, 231) }
```

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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