

Converting Colors

XYZ(84.2764, 62.3395, 57.4339)

Have a look what the booklet for
XYZ(84.2764, 62.3395, 57.4339)
contains.

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Color

**XYZ(64.2096, 51.9760,
56.5173)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA5C0
RGB	255, 165, 192
RGB Percent	100%, 65%, 75%
CMY	0.0000, 0.3529, 0.2471
CMYK	0.00, 0.35, 0.25, 0.00
HSL	342°, 100%, 82%
HSV	342°, 35%, 100%
XYZ	64.2096, 51.9760, 56.5173
YIQ	194.9880, 44.9730, 27.4770

Conversions

Conversions Part 2

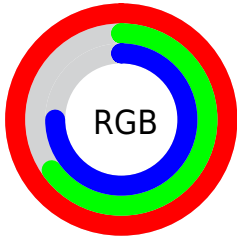
Format	Color
R _Y B	255, 165, 192
Decimal	16754112
CIE Lab	77.27, 36.71, 0.07
CIE LCh	77, 36.712, 0.112
Yxy	51.9760, 0.3718, 0.3010
Android (android.graphics.Color)	4294944192 (0xFFFFA5C0)
YUV	194.9880, -1.4731, 52.6305
Hunter-Lab	72.0944, 32.8127, 3.9866

Details

The XYZ color **64.2096, 51.9760, 56.5173** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **65.2827, 85.1217, 86.3920**, and the grayscale version is **51.8555, 54.5560, 59.4115**.

A 20% lighter version of the original color is **84.0397, 79.7502, 99.7709**, and **33.4803, 25.3227, 27.5493** is the 20% darker color. If you saturate the color by 10%, you get **58.2007, 42.9340, 45.3408**, and if you desaturate by 10%, it is **71.3777, 62.9524, 69.2651**.

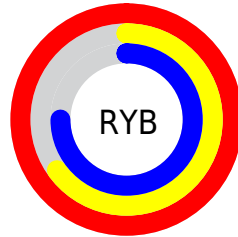
Distribution



Red (100%)

Green (65%)

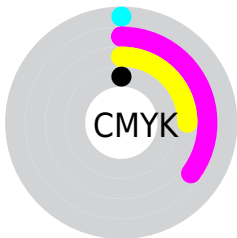
Blue (75%)



Red (100%)

Yellow (65%)

Blue (75%)

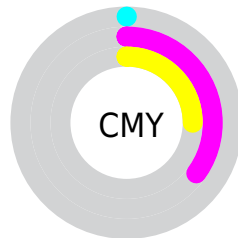


Cyan (0%)

Magenta (35%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.2096, 51.9760, 56.5173 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 64.2096, 51.9760, 56.5173 by changing the saturation by 10% instead.


 64.2096, 51.9760,
56.5173


 64.2096, 51.9760,
56.5173


429.5364,
394.3439, 429.0811

 47.0828, 36.9859,
40.2111


 109.9848, 93.0958,
101.2539

 33.3093, 25.1966,
27.3881

 139.3639,
119.9944, 130.5212

 22.5239, 16.2236,
17.6299


173.5577,
151.6313, 164.9461

 14.3611, 9.6825,
10.5179

212.9317,
188.3909, 204.9469

 8.4556, 5.1890,
5.6336

257.8513,
230.6575, 250.9423

 4.4421, 2.3586,
2.5584

308.6816,

 1.9552, 0.8044,

278.8157, 303.3507

0.8709

365.7882,
333.2497, 362.5908

■ 0.6086, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.2096, 51.9760,
56.5173

■ 64.2096, 51.9760,
56.5173

■ 58.2007, 42.9340,
45.3408

■ 71.3777, 62.9524,
69.2651

■ 53.2841, 35.7065,
35.6691

■ 79.7598, 75.9599,
83.6407

■ 49.3914, 30.1708,
27.4356

■ 89.4115, 91.0972,
99.7012

■ 46.4444, 26.1863,
20.5665

95.0500, 100.0000,
108.9000

■ 44.3529, 23.5890,
14.9808

■ 43.0071, 22.1773,
10.5865

■ 42.5616, 21.7887,
8.8896

Harmonies

Analogous

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



62.0896, 51.9760, 78.1888



64.2096, 51.9760, 56.5173



62.0588, 51.9760, 39.2890

Triad

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



64.2096, 51.9760, 56.5173



42.9179, 51.9760, 29.2487



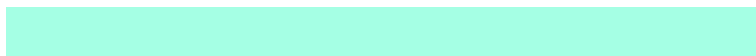
42.9596, 51.9760, 97.2902

Complementary

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



64.2096, 51.9760, 56.5173



65.2827, 85.1217, 86.3920

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.



38.5943, 51.9760, 78.3517



64.2096, 51.9760, 56.5173



38.5719, 51.9760, 39.3920

Square

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



64.2096, 51.9760, 56.5173



49.3752, 51.9760, 26.0076



37.0656, 51.9760, 56.6688



49.4281, 51.9760, 104.8773

Rectangle

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



64.2096, 51.9760, 56.5173



58.5993, 51.9760, 31.7572



37.0656, 51.9760, 56.6688



41.2206, 51.9760, 91.8490

Sweetspot

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



64.2108, 51.9783, 56.5183



83.7435, 82.1900, 90.3237



63.5018, 50.6268, 101.0328



17.6497, 17.1616, 18.8738



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.



64.2108, 51.9783, 56.5183



60.0551, 45.7048, 48.8506



64.9666, 57.8459, 43.3416



18.2336, 18.0767, 19.8472



22.2965, 11.4079, 4.9460



2.2167, 1.1291, 0.7227

Inverse Universe

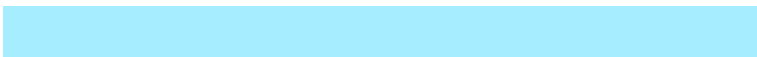
The Inverse Universe completely reimagines the original color for something new.



64.2108, 51.9783, 56.5183



60.0551, 45.7048, 48.8506



63.8529, 75.7891, 105.8711



18.2336, 18.0767, 19.8472



22.2965, 11.4079, 4.9460



2.2167, 1.1291, 0.7227

Previews

White Background



This preview shows how the XYZ color 64.2096, 51.9760, 56.5173 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 64.2096, 51.9760, 56.5173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

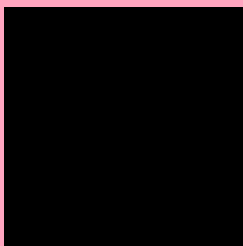
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.2096, 51.9760, 56.5173

Background



This preview shows how black text looks on a background with the XYZ color 64.2096, 51.9760, 56.5173.



This preview shows how white text looks on a background with the XYZ color 64.2096, 51.9760,

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

64.2096, 51.9760, 56.5173

Protanopia

50.9111, 52.2791, 66.4390

Deuteranopia

53.2900, 52.1776, 54.8396



Tritanopia

62.9300, 52.0036, 49.9009

Trichromacy



Original Color

64.2096, 51.9760, 56.5173



Protanomaly

54.9161, 51.6082, 62.9441



Deuteranomaly

56.7843, 51.8458, 55.1585



Tritanomaly

63.1610, 51.8040, 52.0176

Monochromacy



Original Color

64.2096, 51.9760, 56.5173



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

55.4934, 52.9277, 58.3302

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.2096, 51.9760, 56.5173 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, 165, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 192)  
}
```

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, 165, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 192) }
```

Border

The CSS property to change the border of an element to XYZ 64.2096, 51.9760, 56.5173 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, 165, 192) }
```


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

```
.border{ border-color:rgb(255, 165, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 165, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 165, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 165, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 165,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 64.2096, 51.9760, 56.5173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 165, 192) }
```

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

```
.background{ background-color: rgb(255,  
165, 192) }
```

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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