

Converting Colors

XYZ(73.7497, 56.6813, 59.5368)

Have a look what the booklet for
XYZ(73.7497, 56.6813, 59.5368)
contains.

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Color

**XYZ(64.4793, 51.7964,
58.8238)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA4C4
RGB	255, 164, 196
RGB Percent	100%, 64%, 77%
CMY	0.0000, 0.3568, 0.2314
CMYK	0.00, 0.36, 0.23, 0.00
HSL	339°, 100%, 82%
HSV	339°, 36%, 100%
XYZ	64.4793, 51.7964, 58.8238
YIQ	194.8570, 43.9640, 29.2440

Conversions

Conversions Part 2

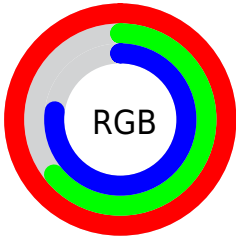
Format	Color
R_{YB}	255, 164, 196
Decimal	16753860
CIE _{Lab}	77.16, 37.79, -2.27
CIE _{LCh}	77, 37.858, 356.561
Yxy	51.7964, 0.3682, 0.2958
Android (android.graphics.Color)	4294943940 (0xFFFFA4C4)
YUV	194.8570, 0.5635, 52.7454
Hunter-Lab	71.9697, 33.9752, 1.9187

Details

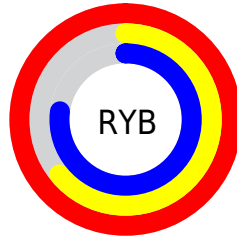
The XYZ color **64.4793, 51.7964, 58.8238** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **64.3911, 84.7412, 82.7786**, and the grayscale version is **51.7662, 54.4621, 59.3092**.

A 20% lighter version of the original color is **84.5628, 79.5382, 103.8240**, and **33.5929, 25.1922, 28.6832** is the 20% darker color. If you saturate the color by 10%, you get **58.5853, 42.8562, 48.0803**, and if you desaturate by 10%, it is **71.4979, 62.6539, 70.9667**.

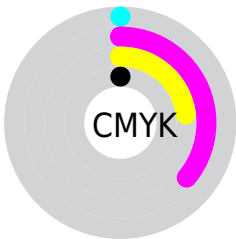
Distribution



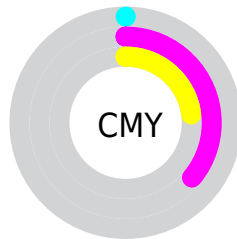
- Red (100%)
- Green (64%)
- Blue (77%)



- Red (100%)
- Yellow (64%)
- Blue (77%)



- Cyan (0%)
- Magenta (36%)
- Yellow (23%)
- Black (0%)





- Cyan (0%)
- Magenta (36%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.4793, 51.7964, 58.8238 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 64.4793, 51.7964, 58.8238 by changing the saturation by 10% instead.


 64.4793, 51.7964,
58.8238


 64.4793, 51.7964,
58.8238


430.4933,
393.6501, 437.9323

 47.3021, 36.8428,
42.0522


 110.3708, 92.8309,
104.6481

 33.4835, 25.0858,
28.8163


 139.8158,
119.6806, 134.5380

 22.6581, 16.1410,
18.6975

174.0809,
151.2645, 169.6376

 14.4606, 9.6240,
11.2773

213.5312,
187.9669, 210.3657

 8.5255, 5.1504,
6.1372

258.5323,
230.1723, 257.1406

 4.4876, 2.3358,
2.8585

309.4494,

 1.9815, 0.7925,

278.2650, 310.3810

1.0229

366.6480,
332.6295, 370.5054

■ 0.6236, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.4793, 51.7964,
58.8238

■ 64.4793, 51.7964,
58.8238

■ 58.5853, 42.8562,
48.0803

■ 71.4979, 62.6539,
70.9667

■ 53.7507, 35.7136,
38.6795

■ 79.6945, 75.5250,
84.5564

■ 49.9088, 30.2464,
30.5651

■ 89.1229, 90.5081,
99.6417

■ 46.9832, 26.3140,
23.6747

95.0500, 100.0000,
108.9000

■ 44.8857, 23.7524,
17.9399

■ 43.5080, 22.3588,
13.2825

■ 43.0711, 21.9924,
11.5724

Harmonies

Analogous

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



61.7885, 51.7964, 81.3503



64.4793, 51.7964, 58.8238



62.7656, 51.7964, 40.3793

Triad

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



64.4793, 51.7964, 58.8238



43.2635, 51.7964, 27.7194



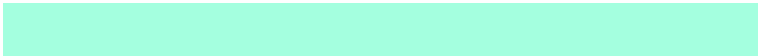
41.9496, 51.7964, 96.6489

Complementary

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



64.4793, 51.7964, 58.8238



64.3911, 84.7412, 82.7786

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.



37.7969, 51.7964, 76.1742



64.4793, 51.7964, 58.8238



38.5016, 51.7964, 37.1530

Square

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



64.4793, 51.7964, 58.8238



50.0710, 51.7964, 25.2219



36.5987, 51.7964, 54.0388



48.4003, 51.7964, 106.3039

Rectangle

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



64.4793, 51.7964, 58.8238



59.4392, 51.7964, 32.1145



36.5987, 51.7964, 54.0388



40.2640, 51.7964, 90.5915

Sweetspot

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



64.4805, 51.7987, 58.8248



83.9541, 82.2743, 91.4331



61.3393, 49.2453, 100.8801



17.6997, 17.1816, 19.1371



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.



64.4805, 51.7987, 58.8248



60.0607, 45.0746, 50.8297



63.4940, 55.0457, 42.4033



18.2731, 18.0926, 20.0554



22.5693, 11.5170, 6.3825



2.2470, 1.1412, 0.8821

Inverse Universe

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



64.4805, 51.7987, 58.8248



60.0607, 45.0746, 50.8297



65.3721, 79.1351, 106.4369



18.2731, 18.0926, 20.0554



22.5693, 11.5170, 6.3825



2.2470, 1.1412, 0.8821

Previews

White Background



This preview shows how the XYZ color 64.4793, 51.7964, 58.8238 looks on a white background.

Color Contrast Check

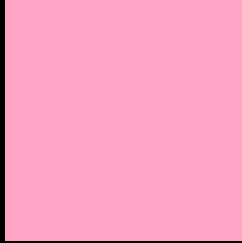
Large Text (above 18pt) WCAG AA × Fail

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 64.4793, 51.7964, 58.8238 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 64.4793, 51.7964, 58.8238

Background



This preview shows how black text looks on a background with the XYZ color 64.4793, 51.7964, 58.8238.



This preview shows how white text looks on a background with the XYZ color 64.4793, 51.7964,

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

64.4793, 51.7964, 58.8238

Protanopia

51.0362, 52.2717, 69.6869

Deuteranopia

53.1579, 52.0590, 57.1158



Tritanopia

62.4634, 51.7748, 49.3492

Trichromacy



Original Color

64.4793, 51.7964, 58.8238



Protanomaly

54.8158, 51.5010, 65.4441



Deuteranomaly

56.7118, 51.4633, 57.3964



Tritanomaly

63.2662, 51.8460, 52.5717

Monochromacy



Original Color

64.4793, 51.7964, 58.8238



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

55.6061, 52.9728, 58.9238

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.4793, 51.7964, 58.8238 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, 164, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 196)  
}
```

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, 164, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 196) }
```

Border

The CSS property to change the border of an element to XYZ 64.4793, 51.7964, 58.8238 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, 164, 196) }
```


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

```
.border{ border-color:rgb(255, 164, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 164, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 64.4793, 51.7964, 58.8238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 164, 196) }
```

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

```
.background{ background-color: rgb(255,  
164, 196) }
```

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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