

Converting Colors

XYZ(52.7032, 46.4169, 51.4286)

Have a look what the booklet for
XYZ(52.7032, 46.4169, 51.4286)
contains.

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Color

**XYZ(52.7194, 46.4211,
51.5290)**

Conversions

Conversions Part 1

Format	Color
Hex	DFA6B8
RGB	223, 166, 184
RGB Percent	87%, 65%, 72%
CMY	0.1255, 0.3490, 0.2784
CMYK	0.00, 0.26, 0.17, 0.13
HSL	341°, 47%, 76%
HSV	341°, 26%, 87%
XYZ	52.7194, 46.4211, 51.5290
YIQ	185.0950, 28.1940, 17.6820

Conversions

Conversions Part 2

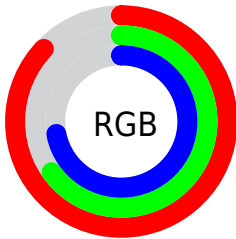
Format	Color
R _Y B	223, 166, 184
Decimal	14657208
CIE Lab	73.82, 23.67, -1.00
CIE LCh	74, 23.691, 357.584
Yxy	46.4211, 0.3499, 0.3081
Android (android.graphics.Color)	4292847288 (0xFFDFA6B8)
YUV	185.0950, -0.5398, 33.2427
Hunter-Lab	68.1330, 18.8854, 2.8521

Details

The XYZ color **52.7194, 46.4211, 51.5290** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.1349, 65.2913, 67.5627**, and the grayscale version is **46.1600, 48.5639, 52.8861**.

A 20% lighter version of the original color is **82.8246, 79.2642, 93.3723**, and **26.0504, 21.8888, 24.3247** is the 20% darker color. If you saturate the color by 10%, you get **47.4976, 38.4003, 42.3180**, and if you desaturate by 10%, it is **58.8193, 55.9208, 61.8851**.

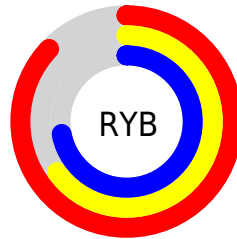
Distribution



Red (87%)

Green (65%)

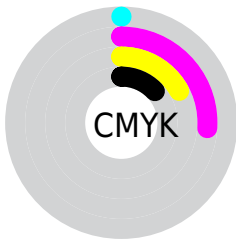
Blue (72%)



Red (87%)

Yellow (65%)

Blue (72%)

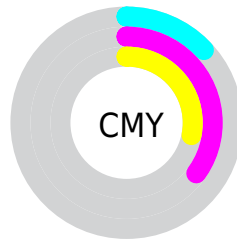


Cyan (0%)

Magenta (26%)

Yellow (17%)

Black (13%)



Cyan (13%)


Magenta (35%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.7194, 46.4211, 51.5290 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 52.7194, 46.4211, 51.5290 by changing the saturation by 10% instead.

 52.7194, 46.4211,
51.5290


 52.7194, 46.4211,
51.5290


387.4861,
372.4990, 409.5207

 37.8054, 32.5782,
36.2501

 93.3593, 84.8489,
93.8557

 26.0082, 21.8036,
24.3362


 119.8159,
110.2026, 121.7407

 16.9625, 13.7126,
15.3687


150.8508,
140.1620, 154.6648

 10.3029, 7.9211,
8.9291

186.8292,
175.1116, 193.0465

 5.6640, 4.0445,
4.5988

228.1166,
215.4356, 237.3044

 2.6806, 1.6985,
1.9592

275.0783,

 0.9872, 0.4227,

261.5187, 287.8570

0.5300

328.0797,
313.7450, 345.1229

■ 0.0000, 0.0000,
0.0000

■ 52.7194, 46.4211,
51.5290

■ 52.7194, 46.4211,
51.5290

■ 47.4976, 38.4003,
42.3180

■ 58.8193, 55.9208,
61.8851

■ 43.1082, 31.7774,
34.2083

■ 65.8321, 66.9625,
73.4219

■ 39.5072, 26.4732,
27.1575

■ 73.7956, 79.6132,
86.1772

■ 36.6449, 22.3978,
21.1193

■ 82.6788, 93.8029,
100.1641

■ 34.4656, 19.4501,
16.0432

■ 84.2417, 94.4281,
108.3942

■ 32.9051, 17.5127,
11.8740

■ 31.8854, 16.4416,
8.5491

■ 31.5502, 16.1355,
7.3141

Harmonies

Analogous

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



51.3189, 46.4211, 64.0278



52.7194, 46.4211, 51.5290



51.6975, 46.4211, 40.5462

Triad

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



52.7194, 46.4211, 51.5290



40.4765, 46.4211, 32.6459



39.9207, 46.4211, 72.7653

Complementary

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



52.7194, 46.4211, 51.5290



53.1349, 65.2913, 67.5627

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.



37.3250, 46.4211, 62.0650



52.7194, 46.4211, 51.5290



37.6313, 46.4211, 39.1012

Square

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



52.7194, 46.4211, 51.5290



44.4642, 46.4211, 30.7299



36.5139, 46.4211, 49.5730



43.7813, 46.4211, 77.4445

Rectangle

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



52.7194, 46.4211, 51.5290



49.8139, 46.4211, 35.2803



36.5139, 46.4211, 49.5730



38.8808, 46.4211, 69.6776

Sweetspot

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



52.7207, 46.4232, 51.5300



86.7173, 86.8012, 95.4351



52.1202, 45.5745, 75.8623



18.2456, 18.0816, 19.9107



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.



52.7207, 46.4232, 51.5300



67.2875, 56.5038, 62.5624



52.9297, 49.6707, 42.8767



13.8846, 13.7715, 15.1627



18.5962, 9.5055, 4.5392



1.3286, 0.6747, 0.5233

Inverse Universe

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



52.7207, 46.4232, 51.5300



67.2875, 56.5038, 62.5624



52.7280, 60.7986, 78.7688



13.8846, 13.7715, 15.1627



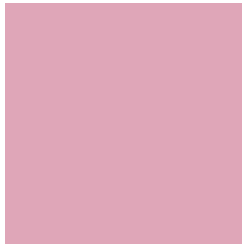
18.5962, 9.5055, 4.5392



1.3286, 0.6747, 0.5233

Previews

White Background



This preview shows how the XYZ color 52.7194, 46.4211, 51.5290 looks on a white background.

Color Contrast Check

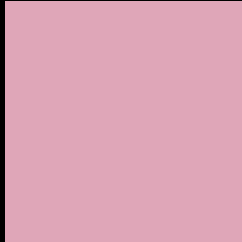
Large Text (above 18pt) WCAG AA × Fail

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 52.7194, 46.4211, 51.5290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

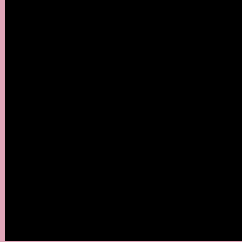
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.7194, 46.4211, 51.5290

Background



This preview shows how black text looks on a background with the XYZ color 52.7194, 46.4211, 51.5290.



This preview shows how white text looks on a background with the XYZ color 52.7194, 46.4211,

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

52.7194, 46.4211, 51.5290

Protanopia

45.4409, 46.8431, 57.0987

Deuteranopia

47.5220, 46.5702, 50.7402



Tritanopia

52.1811, 46.4623, 49.3979

Trichromacy



Original Color

52.7194, 46.4211, 51.5290

Protanomaly

47.8456, 46.6387, 55.1956

Deuteranomaly

49.3122, 46.3338, 51.1440

Tritanomaly

52.2834, 46.5032, 49.9364

Monochromacy



Original Color

52.7194, 46.4211, 51.5290

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

48.2305, 47.4857, 52.5226

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7194, 46.4211, 51.5290 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(223, 166, 184)` looks like.

```
.text, #text, p{  
    color:rgb(223, 166, 184)  
}
```

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(223, 166, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 166, 184) }
```

Border

The CSS property to change the border of an element to XYZ 52.7194, 46.4211, 51.5290 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(223, 166, 184) }
```


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

```
.border{ border-color:rgb(223, 166, 184) }
```

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

Here you see how a box with a 4 pixel rgb(223, 166, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 166, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 166, 184);  
box-shadow:4px 4px 4px 4px rgb(223, 166,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7194, 46.4211, 51.5290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 166, 184) }
```

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

```
.background{ background-color: rgb(223,  
166, 184) }
```

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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