

Converting Colors

XYZ(46.2134, 46.5245, 48.6740)

Have a look what the booklet for
XYZ(46.2134, 46.5245, 48.6740)
contains.

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Color

**XYZ(46.2044, 46.5245,
48.6644)**

Conversions

Conversions Part 1

Format	Color
Hex	C2B2B2
RGB	194, 178, 178
RGB Percent	76%, 70%, 70%
CMY	0.2392, 0.3019, 0.3020
CMYK	0.00, 0.08, 0.08, 0.24
HSL	0°, 12%, 73%
HSV	0°, 8%, 76%
XYZ	46.2044, 46.5245, 48.6644
YIQ	182.7840, 9.5360, 3.3920

Conversions

Conversions Part 2

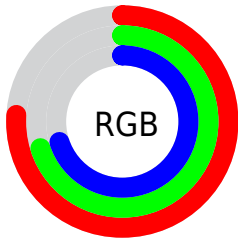
Format	Color
RYB	194, 178, 178
Decimal	12759730
CIELab	73.88, 5.71, 2.06
CIELCh	74, 6.070, 19.832
Yxy	46.5245, 0.3268, 0.3290
Android (android.graphics.Color)	4290949810 (0xFFC2B2B2)
YUV	182.7840, -2.3585, 9.8364
Hunter-Lab	68.2089, 1.5496, 5.4451

Details

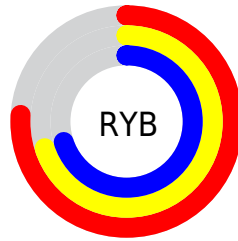
The XYZ color **46.2044, 46.5245, 48.6644** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.3893, 51.9426, 58.5676**, and the grayscale version is **44.9014, 47.2397, 51.4441**.

A 20% lighter version of the original color is **84.0578, 85.2954, 89.8752**, and **21.8505, 21.7233, 22.4434** is the 20% darker color. If you saturate the color by 10%, you get **40.8028, 38.6208, 37.9238**, and if you desaturate by 10%, it is **52.4298, 55.6338, 61.0398**.

Distribution



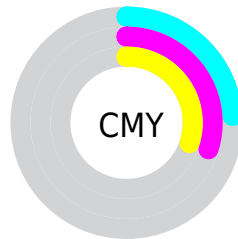
- Red (76%)
- Green (70%)
- Blue (70%)



- Red (76%)
- Yellow (70%)
- Blue (70%)



- Cyan (0%)
- Magenta (8%)
- Yellow (8%)
- Black (24%)





- Cyan (24%)
- Magenta (30%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.2044, 46.5245, 48.6644 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 46.2044, 46.5245, 48.6644 by changing the saturation by 10% instead.

 46.2044, 46.5245,
48.6644

 46.2044, 46.5245,
48.6644


362.3320,
372.9133, 398.0041

 32.6125, 32.6599,
33.9896


 83.7508, 85.0034,
89.5686

 21.9875, 21.8660,
22.6083


108.4360,
110.3865, 116.6352

 13.9643, 13.7585,
14.1020


137.5496,
140.3779, 148.6693

 8.1774, 7.9529,
8.0521

171.4570,
175.3621, 186.0897

 4.2614, 4.0648,
4.0400

210.5236,
215.7233, 229.3148

 1.8511, 1.7099,
1.6473

255.1148,

 0.5481, 0.4300,

261.8459, 278.7632

0.3243

305.5958,
314.1145, 334.8535

0.0000, 0.0000,
0.0000

46.2044, 46.5245,
48.6644

46.2044, 46.5245,
48.6644

40.8028, 38.6208,
37.9238

52.4298, 55.6338,
61.0398

36.1868, 31.8664,
28.7468

59.5074, 65.9898,
75.1113

32.3209, 26.2097,
21.0615

67.4689, 77.6391,
90.9404

29.1657, 21.5927,
14.7892

76.0583, 90.2094,
108.0112

26.6779, 17.9522,
9.8438

■ 24.8095, 15.2180,
6.1300

■ 23.5061, 13.3106,
3.5397

■ 22.7042, 12.1369,
1.9462

■ 22.3043, 11.5516,
1.1518

Harmonies

Analogous

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



46.2978, 46.5245, 51.7155



46.2044, 46.5245, 48.6644



45.5745, 46.5245, 46.2431

Triad

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



46.2044, 46.5245, 48.6644



42.6507, 46.5245, 46.9137



43.8542, 46.5245, 56.7455

Complementary

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



46.2044, 46.5245, 48.6644



47.3893, 51.9426, 58.5676

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.



42.8929, 46.5245, 55.3437



46.2044, 46.5245, 48.6644



42.2056, 46.5245, 49.6136

Square

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



46.2044, 46.5245, 48.6644



43.5187, 46.5245, 45.2613



42.2935, 46.5245, 52.7038



44.9291, 46.5245, 56.4660

Rectangle

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



46.2044, 46.5245, 48.6644



44.9407, 46.5245, 45.2723



42.2935, 46.5245, 52.7038



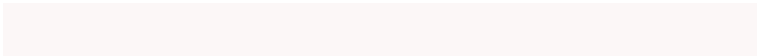
43.5074, 46.5245, 56.4531

Sweetspot

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



46.2057, 46.5265, 48.6654



90.5424, 94.2875, 101.7477



47.9067, 47.2058, 57.6261



19.8529, 20.6846, 22.3315



0.0000, 0.0000, 0.0000



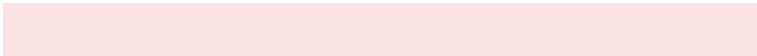
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



46.2057, 46.5265, 48.6654



81.7282, 81.3903, 84.2238



47.8435, 49.8021, 49.2113



10.0734, 10.0782, 10.4762



14.6279, 7.5415, 0.6847



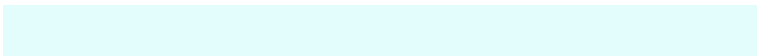
0.6321, 0.3260, 0.0296

Inverse Universe

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



47.3893, 51.9426, 58.5676



84.3355, 93.3214, 106.0377



45.6572, 48.4785, 57.9903



10.3684, 11.4281, 12.9442



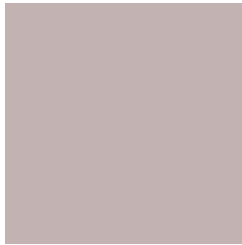
19.0799, 27.9163, 37.9394



0.8244, 1.2063, 1.6393

Previews

White Background



This preview shows how the XYZ color 46.2044, 46.5245, 48.6644 looks on a white background.

Color Contrast Check

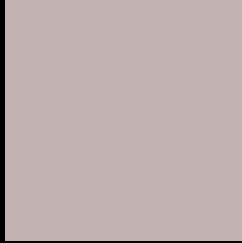
Large Text (above 18pt) WCAG AA × Fail

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 46.2044, 46.5245, 48.6644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

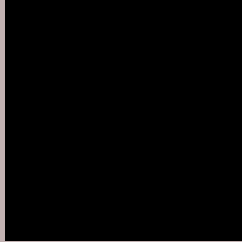
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.2044, 46.5245, 48.6644

Background



This preview shows how black text looks on a background with the XYZ color 46.2044, 46.5245, 48.6644.



This preview shows how white text looks on a background with the XYZ color 46.2044, 46.5245,

48.6644.

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

46.2044, 46.5245, 48.6644

Protanopia

44.7697, 46.6573, 49.8262

Deuteranopia

47.3806, 46.5444, 48.6062



Tritanopia

47.5845, 46.5041, 55.1834

Trichromacy



Original Color

46.2044, 46.5245, 48.6644

Protanomaly

45.1970, 46.5886, 49.2582

Deuteranomaly

47.0467, 46.6644, 48.6470

Tritanomaly

47.0907, 46.5916, 52.9655

Monochromacy



Original Color

46.2044, 46.5245, 48.6644

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.3579, 46.9487, 50.3875

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.2044, 46.5245, 48.6644 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(194, 178, 178)` looks like.

```
.text, #text, p{  
    color:rgb(194, 178, 178)  
}
```

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(194, 178, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 178, 178) }
```

Border

The CSS property to change the border of an element to XYZ 46.2044, 46.5245, 48.6644 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(194, 178, 178) }
```


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

```
.border{ border-color:rgb(194, 178, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 178, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 178, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 178, 178);  
box-shadow:4px 4px 4px 4px rgb(194, 178,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 46.2044, 46.5245, 48.6644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 178, 178) }
```

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

```
.background{ background-color: rgb(194,  
178, 178) }
```

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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