

Converting Colors

XYZ(48.4113, 45.8452, 52.1964)

Have a look what the booklet for
XYZ(48.4113, 45.8452, 52.1964)
contains.

XYZ(48.4113, 45.8452, 52.1964)	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(48.4113, 45.8452,
52.1964)**

Conversions

Conversions Part 1

Format	Color
Hex	CCACB9
RGB	204, 172, 185
RGB Percent	80%, 67%, 73%
CMY	0.2000, 0.3255, 0.2745
CMYK	0.00, 0.16, 0.09, 0.20
HSL	336°, 24%, 74%
HSV	336°, 16%, 80%
XYZ	48.4113, 45.8452, 52.1964
YIQ	183.0500, 14.8990, 10.8270

Conversions

Conversions Part 2

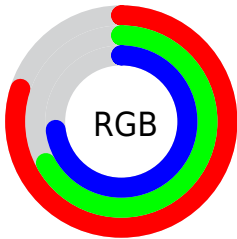
Format	Color
R_{YB}	204, 172, 185
Decimal	13413561
CIE _{Lab}	73.44, 13.77, -2.31
CIE _{LCh}	73, 13.960, 350.468
Yxy	45.8452, 0.3306, 0.3130
Android (android.graphics.Color)	4291603641 (0xFFCCACB9)
YUV	183.0500, 0.9614, 18.3732
Hunter-Lab	67.7091, 9.1348, 1.6902

Details

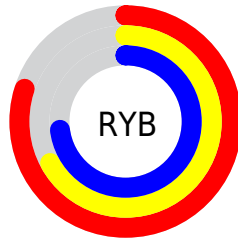
The XYZ color **48.4113, 45.8452, 52.1964** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.0119, 55.7191, 57.5172**, and the grayscale version is **45.0274, 47.3723, 51.5885**.

A 20% lighter version of the original color is **84.5863, 82.5490, 94.6945**, and **23.4590, 21.5829, 24.7593** is the 20% darker color. If you saturate the color by 10%, you get **43.5982, 38.1787, 44.5494**, and if you desaturate by 10%, it is **53.9320, 54.7514, 60.6180**.

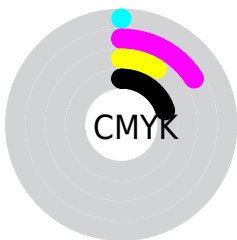
Distribution



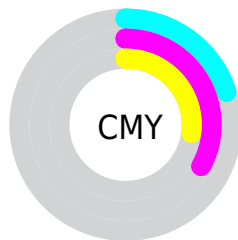
- Red (80%)
- Green (67%)
- Blue (73%)



- Red (80%)
- Yellow (67%)
- Blue (73%)



- Cyan (0%)
- Magenta (16%)
- Yellow (9%)
- Black (20%)





- Cyan (20%)
- Magenta (33%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.4113, 45.8452, 52.1964 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 48.4113, 45.8452, 52.1964 by changing the saturation by 10% instead.


 48.4113, 45.8452,
52.1964

 48.4113, 45.8452,
52.1964


370.9756,
370.1860, 412.1729

 34.3653, 32.1237,
36.7783


 87.0225, 83.9873,
94.8504

 23.3386, 21.4560,
24.7415


112.3184,
109.1766, 122.9233

 14.9658, 13.4577,
15.6673


142.0950,
138.9574, 156.0516

 8.8815, 7.7445,
9.1372

176.7176,
173.7139, 194.6539

 4.7205, 3.9319,
4.7328

216.5516,
213.8307, 239.1486

 2.1173, 1.6355,
2.0354

261.9624,

 0.6986, 0.3814,

259.6920, 289.9543

0.5769

313.3153,
311.6823, 347.4895

■ 0.0000, 0.0000,
0.0000

■ 48.4113, 45.8452,
52.1964

■ 48.4113, 45.8452,
52.1964

■ 43.5982, 38.1787,
44.5494

■ 53.9320, 54.7514,
60.6180

■ 39.4590, 31.6904,
37.6507

■ 60.1843, 64.9428,
69.8335

■ 35.9629, 26.3228,
31.4768

■ 67.1960, 76.4703,
79.8649

■ 33.0753, 22.0114,
26.0018

■ 74.9920, 89.3801,
90.7329

■ 30.7580, 18.6846,
21.1976

■ 77.2308, 90.9850,
100.3349

■ 28.9682, 16.2620,
17.0343

■ 78.7121, 91.5775,
108.1354

■ 27.6566, 14.6503,
13.4786

■ 26.7628, 13.7347,
10.4926

■ 26.4581, 13.4599,
9.3593

Harmonies

Analogous

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



47.3282, 45.8452, 59.0531



48.4113, 45.8452, 52.1964



48.1613, 45.8452, 45.3257

Triad

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



48.4113, 45.8452, 52.1964



41.9401, 45.8452, 38.2638



40.6305, 45.8452, 61.1202

Complementary

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



48.4113, 45.8452, 52.1964



48.0119, 55.7191, 57.5172

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.



39.2886, 45.8452, 54.8097



48.4113, 45.8452, 52.1964



40.0247, 45.8452, 41.7765

Square

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



48.4113, 45.8452, 52.1964



44.3631, 45.8452, 37.7065



39.0711, 45.8452, 47.7062



42.7953, 45.8452, 64.5159

Rectangle

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



48.4113, 45.8452, 52.1964



47.2757, 45.8452, 41.6261



39.0711, 45.8452, 47.7062



40.0717, 45.8452, 59.2430

Sweetspot

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



48.4126, 45.8472, 52.1974



89.9214, 91.6551, 101.2949



47.0554, 44.9001, 63.3138



19.0980, 19.3764, 21.4583



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.



48.4126, 45.8472, 52.1974



77.2030, 71.1715, 81.7853



47.6150, 46.3483, 45.4687



11.3980, 11.2879, 12.6306



16.6964, 8.4892, 6.1201



0.8987, 0.4529, 0.5123

Inverse Universe

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



48.4126, 45.8472, 52.1974



77.2030, 71.1715, 81.7853



48.8782, 55.0603, 65.1788



11.3980, 11.2879, 12.6306



16.6964, 8.4892, 6.1201



0.8987, 0.4529, 0.5123

Previews

White Background



This preview shows how the XYZ color 48.4113, 45.8452, 52.1964 looks on a white background.

Color Contrast Check

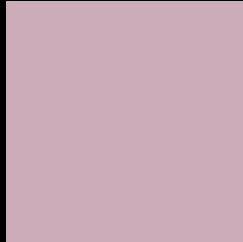
Large Text (above 18pt) WCAG AA × Fail

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 48.4113, 45.8452, 52.1964 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 48.4113, 45.8452, 52.1964

Background



This preview shows how black text looks on a background with the XYZ color 48.4113, 45.8452, 52.1964.



This preview shows how white text looks on a background with the XYZ color 48.4113, 45.8452,

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

48.4113, 45.8452, 52.1964

Protanopia

44.5626, 46.1404, 54.7014

Deuteranopia

46.7467, 45.8564, 51.7348



Tritanopia

48.4113, 45.8452, 52.1964

Trichromacy



Original Color

48.4113, 45.8452, 52.1964

Protanomaly

45.7855, 45.8939, 54.0222

Deuteranomaly

47.3410, 45.8749, 51.7070

Tritanomaly

48.4113, 45.8452, 52.1964

Monochromacy



Original Color

48.4113, 45.8452, 52.1964

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

46.2577, 46.7773, 51.9383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4113, 45.8452, 52.1964 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(204, 172, 185)` looks like.

```
.text, #text, p{  
    color:rgb(204, 172, 185)  
}
```

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(204, 172, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 172, 185) }
```

Border

The CSS property to change the border of an element to XYZ 48.4113, 45.8452, 52.1964 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(204, 172, 185) }
```


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

```
.border{ border-color:rgb(204, 172, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 172, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 172, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 172, 185);  
box-shadow:4px 4px 4px 4px rgb(204, 172,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4113, 45.8452, 52.1964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 172, 185) }
```

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

```
.background{ background-color: rgb(204,  
172, 185) }
```

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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