

Converting Colors

XYZ(48.1257, 45.3830, 55.0346)

Have a look what the booklet for
XYZ(48.1257, 45.3830, 55.0346)
contains.

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Color

**XYZ(48.2143, 45.4001,
54.9371)**

Conversions

Conversions Part 1

Format	Color
Hex	CAABBE
RGB	202, 171, 190
RGB Percent	79%, 67%, 75%
CMY	0.2078, 0.3294, 0.2549
CMYK	0.00, 0.15, 0.06, 0.21
HSL	323°, 23%, 73%
HSV	323°, 15%, 79%
XYZ	48.2143, 45.4001, 54.9371
YIQ	182.4350, 12.3770, 12.4810

Conversions

Conversions Part 2

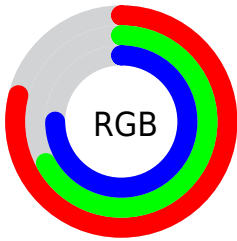
Format	Color
R_{YB}	202, 171, 190
Decimal	13282238
CIE _{Lab}	73.15, 14.48, -5.51
CIE _{LCh}	73, 15.489, 339.178
Yxy	45.4001, 0.3246, 0.3056
Android (android.graphics.Color)	4291472318 (0xFFCAABBE)
YUV	182.4350, 3.7295, 17.1585
Hunter-Lab	67.3796, 9.8136, -1.1756

Details

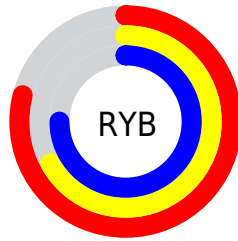
The XYZ color **48.2143, 45.4001, 54.9371** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.4642, 54.3191, 52.8381**, and the grayscale version is **44.6772, 47.0039, 51.1873**.

A 20% lighter version of the original color is **85.0709, 82.3065, 98.5918**, and **23.3249, 21.2957, 26.5480** is the 20% darker color. If you saturate the color by 10%, you get **43.8548, 38.0120, 49.3796**, and if you desaturate by 10%, it is **53.2054, 53.9767, 60.9325**.

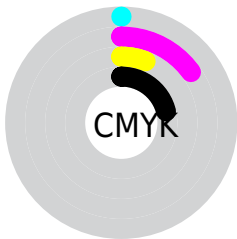
Distribution



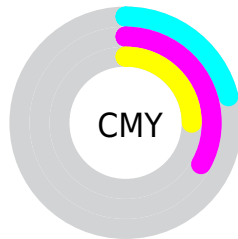
- Red (79%)
- Green (67%)
- Blue (75%)



- Red (79%)
- Yellow (67%)
- Blue (75%)



- Cyan (0%)
- Magenta (15%)
- Yellow (6%)
- Black (21%)





- Cyan (21%)
- Magenta (33%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.2143, 45.4001, 54.9371 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 48.2143, 45.4001, 54.9371 by changing the saturation by 10% instead.


 48.2143, 45.4001,
54.9371

 48.2143, 45.4001,
54.9371


370.2094,
368.3916, 422.9487

 34.2086, 31.7727,
38.9531


 86.7312, 83.3205,
98.9190

 23.2175, 21.1879,
26.4157


111.9730,
108.3822, 127.7540

 14.8758, 13.2614,
16.9063


141.6909,
138.0242, 161.7098

 8.8180, 7.6088,
10.0065

176.2503,
172.6309, 201.2048

 4.6788, 3.8457,
5.2976

216.0165,
212.5865, 246.6577

 2.0929, 1.5876,
2.3611

261.3548,

 0.6853, 0.3492,

258.2756, 298.4869

0.7652

312.6307,
310.0825, 357.1111

■ 0.0000, 0.0000,
0.0000

■ 48.2143, 45.4001,
54.9371

■ 48.2143, 45.4001,
54.9371

■ 43.8548, 38.0120,
49.3796

■ 53.2054, 53.9767,
60.9325

■ 40.0959, 31.7534,
44.2446

■ 58.8495, 63.7856,
67.3747

■ 36.9097, 26.5691,
39.5197

■ 65.1720, 74.8755,
74.2762

■ 34.2646, 22.3970,
35.1907

■ 72.1955, 87.2908,
81.6477

■ 32.1256, 19.1687,
31.2421

■ 74.2746, 89.7396,
87.6107

■ 30.4536, 16.8068,
27.6570

■ 75.3922, 90.1866,
93.4960

■ 29.2032, 15.2219,
24.4163

■ 76.5597, 90.6536,
99.6437

■ 28.3189, 14.3046,
21.4973

■ 77.7776, 91.1408,
106.0571

■ 27.9827, 14.0068,
20.2306

■ 78.1674, 91.2967,
108.1099

Harmonies

Analogous

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



46.5322, 45.4001, 61.9447



48.2143, 45.4001, 54.9371



48.5099, 45.4001, 47.0876

Triad

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



48.2143, 45.4001, 54.9371



42.3245, 45.4001, 36.1002



39.2319, 45.4001, 59.4865

Complementary

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



48.2143, 45.4001, 54.9371



46.4642, 54.3191, 52.8381

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.



38.2029, 45.4001, 51.8550



48.2143, 45.4001, 54.9371



39.9385, 45.4001, 38.7308

Square

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



48.2143, 45.4001, 54.9371



45.0328, 45.4001, 36.7402



38.4560, 45.4001, 44.3094



41.3232, 45.4001, 64.7566

Rectangle

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



48.2143, 45.4001, 54.9371



47.8691, 45.4001, 42.5000



38.4560, 45.4001, 44.3094



38.7543, 45.4001, 57.0818

Sweetspot

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



48.2156, 45.4021, 54.9381



90.3319, 91.8193, 103.4569



44.7261, 43.4453, 61.9063



19.1977, 19.4163, 21.9837



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.



48.2156, 45.4021, 54.9381



79.3847, 73.0379, 90.2109



46.6219, 44.7646, 46.5458



11.4964, 11.3273, 13.1484



18.0511, 9.0310, 13.2535



0.9677, 0.4805, 0.8758

Inverse Universe

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



48.2156, 45.4021, 54.9381



79.3847, 73.0379, 90.2109



48.1539, 54.9950, 61.7362



11.4964, 11.3273, 13.1484



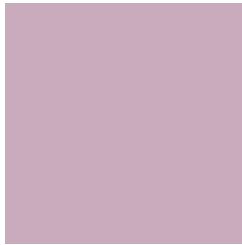
18.0511, 9.0310, 13.2535



0.9677, 0.4805, 0.8758

Previews

White Background



This preview shows how the XYZ color 48.2143, 45.4001, 54.9371 looks on a white background.

Color Contrast Check

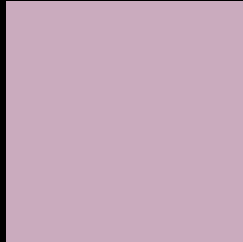
Large Text (above 18pt) WCAG AA × Fail

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 48.2143, 45.4001, 54.9371 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 48.2143, 45.4001, 54.9371

Background



This preview shows how black text looks on a background with the XYZ color 48.2143, 45.4001, 54.9371.



This preview shows how white text looks on a background with the XYZ color 48.2143, 45.4001,

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

48.2143, 45.4001, 54.9371

Protanopia

44.5608, 45.7640, 58.1145

Deuteranopia

46.3137, 45.2837, 54.4437



Tritanopia

47.5969, 45.4253, 52.1583

Trichromacy



Original Color

48.2143, 45.4001, 54.9371

Protanomaly

45.6445, 45.4657, 56.8221

Deuteranomaly

46.8938, 45.2970, 54.4157

Tritanomaly

47.8096, 45.5104, 53.2783

Monochromacy



Original Color

48.2143, 45.4001, 54.9371

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

45.6636, 46.1624, 52.4024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.2143, 45.4001, 54.9371 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(202, 171, 190)` looks like.

```
.text, #text, p{  
    color:rgb(202, 171, 190)  
}
```

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(202, 171, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 171, 190) }
```

Border

The CSS property to change the border of an element to XYZ 48.2143, 45.4001, 54.9371 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(202, 171, 190) }
```


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

```
.border{ border-color:rgb(202, 171, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 171, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 171, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 171, 190);  
box-shadow:4px 4px 4px 4px rgb(202, 171,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 48.2143, 45.4001, 54.9371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 171, 190) }
```

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

```
.background{ background-color: rgb(202,  
171, 190) }
```

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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