

Converting Colors

XYZ(46.8105, 45.5534, 46.0639)

Have a look what the booklet for
XYZ(46.8105, 45.5534, 46.0639)
contains.

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Color

**XYZ(46.5738, 45.3218,
45.8284)**

Conversions

Conversions Part 1

Format	Color
Hex	C9ADAD
RGB	201, 173, 173
RGB Percent	79%, 68%, 68%
CMY	0.2118, 0.3215, 0.3216
CMYK	0.00, 0.14, 0.14, 0.21
HSL	0°, 21%, 73%
HSV	0°, 14%, 79%
XYZ	46.5738, 45.3218, 45.8284
YIQ	181.3720, 16.6880, 5.9360

Conversions

Conversions Part 2

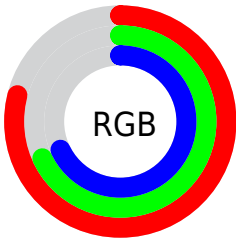
Format	Color
RYB	201, 173, 173
Decimal	13217197
CIELab	73.10, 10.12, 3.74
CIELCh	73, 10.793, 20.289
Yxy	45.3218, 0.3382, 0.3291
Android (android.graphics.Color)	4291407277 (0xFFC9ADAD)
YUV	181.3720, -4.1274, 17.2138
Hunter-Lab	67.3215, 5.6759, 6.7640

Details

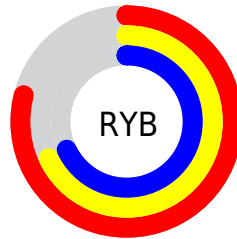
The XYZ color **46.5738, 45.3218, 45.8284** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.6625, 54.8733, 63.2856**, and the grayscale version is **44.1387, 46.4373, 50.5703**.

A 20% lighter version of the original color is **82.9870, 82.3482, 84.9197**, and **22.3212, 21.2583, 21.0160** is the 20% darker color. If you saturate the color by 10%, you get **41.2053, 37.4665, 35.1542**, and if you desaturate by 10%, it is **52.8171, 54.4576, 58.2389**.

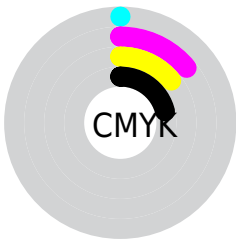
Distribution



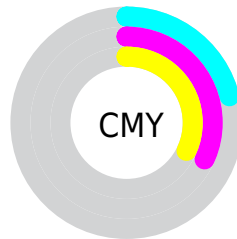
- Red (79%)
- Green (68%)
- Blue (68%)



- Red (79%)
- Yellow (68%)
- Blue (68%)



- Cyan (0%)
- Magenta (14%)
- Yellow (14%)
- Black (21%)





- Cyan (21%)
- Magenta (32%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.5738, 45.3218, 45.8284 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 46.5738, 45.3218, 45.8284 by changing the saturation by 10% instead.


 46.5738, 45.3218,
45.8284

 46.5738, 45.3218,
45.8284


363.7881,
368.0753, 386.3758

 32.9054, 31.7110,
31.7627

 84.2997, 83.2031,
85.2937

 22.2129, 21.1408,
20.9170


109.0879,
108.2424, 111.5304

 14.1309, 13.2270,
12.8727


138.3134,
137.8599, 142.6613

 8.2941, 7.5850,
7.2113

172.3416,
172.4401, 179.1047

 4.3371, 3.8306,
3.5141

211.5378,
212.3673, 221.2794

 1.8945, 1.5793,
1.3628

256.2674,

 0.5737, 0.3436,

258.0260, 269.6038

0.1124

306.8957,
309.8005, 324.4964

0.0000, 0.0000,
0.0000

46.5738, 45.3218,
45.8284

46.5738, 45.3218,
45.8284

41.2053, 37.4665,
35.1542

52.8171, 54.4576,
58.2389

36.6691, 30.8287,
26.1362

59.9679, 64.9210,
72.4552

32.9246, 25.3494,
18.6923

68.0618, 76.7642,
88.5465

29.9264, 20.9622,
12.7323

77.1312, 90.0349,
106.5774

27.6247, 17.5941,
8.1569

77.8976, 91.1576,
108.0973

■ 25.9634, 15.1629,
4.8546

■ 24.8777, 13.5741,
2.6969

■ 24.2894, 12.7131,
1.5280

■ 24.0879, 12.4182,
1.1274

Harmonies

Analogous

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



46.7566, 45.3218, 51.1229



46.5738, 45.3218, 45.8284



45.4392, 45.3218, 41.7715

Triad

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



46.5738, 45.3218, 45.8284



40.3433, 45.3218, 42.9966



42.4674, 45.3218, 60.3255

Complementary

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



46.5738, 45.3218, 45.8284



48.6625, 54.8733, 63.2856

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.



40.7982, 45.3218, 57.7888



46.5738, 45.3218, 45.8284



39.5957, 45.3218, 47.6142

Square

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



46.5738, 45.3218, 45.8284



41.8300, 45.3218, 40.2213



39.7598, 45.3218, 53.0428



44.3486, 45.3218, 59.7598

Rectangle

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



46.5738, 45.3218, 45.8284



44.3135, 45.3218, 40.1899



39.7598, 45.3218, 53.0428



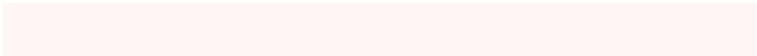
41.8638, 45.3218, 59.8006

Sweetspot

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



46.5751, 45.3238, 45.8294



90.2833, 93.0251, 99.4234



49.5741, 46.5223, 61.6257



19.1386, 19.6394, 20.9115



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.



46.5751, 45.3238, 45.8294



76.5371, 72.9109, 72.0954



49.4011, 50.9758, 46.7714



10.6340, 10.6372, 11.0555



15.1455, 7.8081, 0.7089



0.7172, 0.3698, 0.0336

Inverse Universe

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



48.6625, 54.8733, 63.2856



80.8587, 92.6814, 108.2353



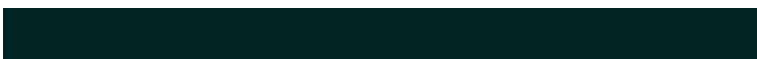
45.5471, 48.6425, 62.2472



10.9466, 12.0673, 13.6698



19.7576, 28.9092, 39.2831



0.9356, 1.3689, 1.8601

Previews

White Background



This preview shows how the XYZ color 46.5738, 45.3218, 45.8284 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 46.5738, 45.3218, 45.8284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

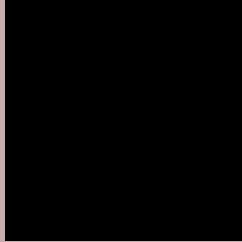
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.5738, 45.3218, 45.8284

Background



This preview shows how black text looks on a background with the XYZ color 46.5738, 45.3218, 45.8284.



This preview shows how white text looks on a background with the XYZ color 46.5738, 45.3218,

45.8284.

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

46.5738, 45.3218, 45.8284

Protanopia

43.7237, 45.5651, 47.5648

Deuteranopia

46.2321, 45.4313, 45.8676



Tritanopia

47.9485, 45.3251, 52.1204

Trichromacy



Original Color

46.5738, 45.3218, 45.8284

Protanomaly

44.6952, 45.4866, 46.9815

Deuteranomaly

46.4983, 45.5686, 45.8801

Tritanomaly

47.4501, 45.3978, 49.9778

Monochromacy



Original Color

46.5738, 45.3218, 45.8284

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

44.6953, 45.7465, 48.5937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.5738, 45.3218, 45.8284 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(201, 173, 173)` looks like.

```
.text, #text, p{  
    color:rgb(201, 173, 173)  
}
```

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(201, 173, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 173, 173) }
```

Border

The CSS property to change the border of an element to XYZ 46.5738, 45.3218, 45.8284 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(201, 173, 173) }
```


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

```
.border{ border-color:rgb(201, 173, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 173, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 173, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 173, 173);  
box-shadow:4px 4px 4px 4px rgb(201, 173,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 46.5738, 45.3218, 45.8284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 173, 173) }
```

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

```
.background{ background-color: rgb(201,  
173, 173) }
```

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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