

Converting Colors

XYZ(48.1606, 45.4024, 39.5830)

Have a look what the booklet for
XYZ(48.1606, 45.4024, 39.5830)
contains.

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Color

**XYZ(48.1605, 45.4337,
39.4889)**

Conversions

Conversions Part 1

Format	Color
Hex	D5AAA0
RGB	213, 170, 160
RGB Percent	84%, 67%, 63%
CMY	0.1647, 0.3333, 0.3725
CMYK	0.00, 0.20, 0.25, 0.16
HSL	11°, 39%, 73%
HSV	11°, 25%, 84%
XYZ	48.1605, 45.4337, 39.4889
YIQ	181.7170, 28.8380, 6.0060

Conversions

Conversions Part 2

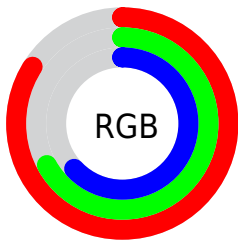
Format	Color
R _Y B	213, 172, 160
Decimal	14002848
CIE Lab	73.18, 14.23, 11.13
CIE LCh	73, 18.066, 38.013
Yxy	45.4337, 0.3619, 0.3414
Android (android.graphics.Color)	4292192928 (0xFFD5AAA0)
YUV	181.7170, -10.7065, 27.4352
Hunter-Lab	67.4045, 9.5802, 12.4482

Details

The XYZ color **48.1605, 45.4337, 39.4889** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.8628, 54.9879, 71.0422**, and the grayscale version is **44.3559, 46.6659, 50.8192**.

A 20% lighter version of the original color is **80.4310, 80.0167, 75.4956**, and **23.1434, 21.2291, 17.3458** is the 20% darker color. If you saturate the color by 10%, you get **43.4255, 38.6944, 29.4918**, and if you desaturate by 10%, it is **53.6430, 53.1564, 51.3112**.

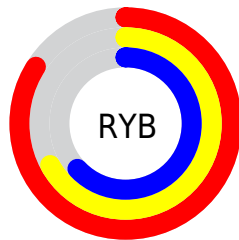
Distribution



Red (84%)

Green (67%)

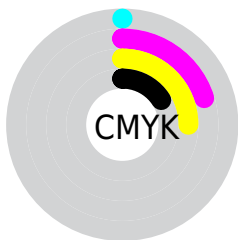
Blue (63%)



Red (84%)

Yellow (67%)

Blue (63%)

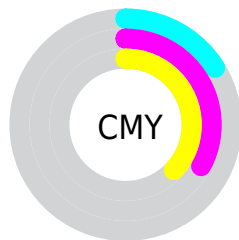


Cyan (0%)

Magenta (20%)

Yellow (25%)

Black (16%)



Cyan (16%)

Magenta (33%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.1605, 45.4337, 39.4889 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 48.1605, 45.4337, 39.4889 by changing the saturation by 10% instead.


 48.1605, 45.4337,
39.4889


 48.1605, 45.4337,
39.4889


370.0000,
368.5272, 359.4525

 34.1658, 31.7992,
26.8295


 86.6516, 83.3708,
75.6131

 23.1845, 21.2082,
17.2139


 111.8786,
108.4422, 99.9151

 14.8512, 13.2762,
10.2236


141.5805,
138.0947, 128.9350

 8.8007, 7.6190,
5.4399

176.1226,
172.7127, 163.0914

 4.6675, 3.8522,
2.4444

215.8703,
212.6805, 202.8028

 2.0862, 1.5912,
0.8105

261.1888,

 0.6817, 0.3517,

258.3826, 248.4877

0.0000

312.4436,
310.2034, 300.5648

■ 0.0000, 0.0000,
0.0000

■ 48.1605, 45.4337,
39.4889

■ 48.1605, 45.4337,
39.4889

■ 43.4255, 38.6944,
29.4918

■ 53.6430, 53.1564,
51.3112

■ 39.4017, 32.8928,
21.2258

■ 59.9000, 61.8935,
65.0407

■ 36.0548, 27.9889,
14.5928

■ 66.9616, 71.6822,
80.7577

■ 33.3467, 23.9371,
9.4837

■ 74.8555, 82.5562,
98.5371

■ 31.2349, 20.6879,
5.7758

■ 81.2507, 92.8862,
108.2542

■ 29.6716, 18.1866,
3.3273

■ 28.6009, 16.3709,
1.9661

■ 28.2065, 15.6777,
1.5395

Harmonies

Analogous

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



49.4978, 45.4337, 47.0785



48.1605, 45.4337, 39.4889



45.5034, 45.4337, 34.9976

Triad

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



48.1605, 45.4337, 39.4889



37.7798, 45.4337, 43.2237



44.0377, 45.4337, 68.8246

Complementary

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



48.1605, 45.4337, 39.4889



47.8628, 54.9879, 71.0422

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.



40.9435, 45.4337, 67.4651



48.1605, 45.4337, 39.4889



37.4302, 45.4337, 51.9403

Square

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



48.1605, 45.4337, 39.4889



39.5411, 45.4337, 36.9631



38.5615, 45.4337, 61.0044



47.0427, 45.4337, 64.5198

Rectangle

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



48.1605, 45.4337, 39.4889



43.3949, 45.4337, 34.0083



38.5615, 45.4337, 61.0044



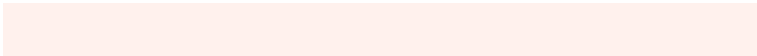
42.9726, 45.4337, 69.0239

Sweetspot

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



48.1617, 45.4358, 39.4898



87.8612, 90.0096, 92.9785



50.8251, 43.6136, 62.4170



18.6793, 19.0893, 19.6223



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.



48.1617, 45.4358, 39.4898



68.3830, 62.6080, 50.8636



53.5750, 56.2623, 41.2943



12.6111, 12.7963, 12.9660



17.2852, 9.6876, 0.9589



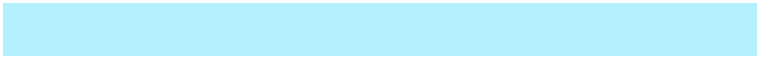
1.0998, 0.6988, 0.0769

Inverse Universe

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



47.8628, 54.9879, 71.0422



67.8502, 79.3945, 106.3563



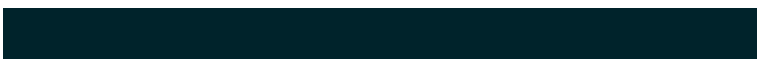
42.1873, 43.6370, 69.1504



12.5837, 13.6908, 15.9169



16.5112, 21.2842, 41.6912



1.0485, 1.3889, 2.5321

Previews

White Background



This preview shows how the XYZ color 48.1605, 45.4337, 39.4889 looks on a white background.

Color Contrast Check

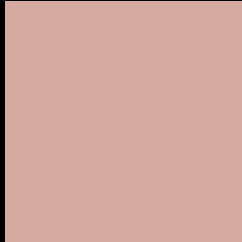
Large Text (above 18pt) WCAG AA × Fail

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 48.1605, 45.4337, 39.4889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

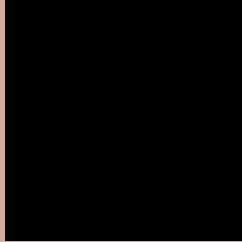
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.1605, 45.4337, 39.4889

Background



This preview shows how black text looks on a background with the XYZ color 48.1605, 45.4337, 39.4889.



This preview shows how white text looks on a background with the XYZ color 48.1605, 45.4337,

39.4889.

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

48.1605, 45.4337, 39.4889

Protanopia

43.4051, 45.5216, 42.0962

Deuteranopia

46.3784, 45.3695, 39.1137



Tritanopia

50.0813, 45.3798, 49.2996

Trichromacy



Original Color

48.1605, 45.4337, 39.4889

Protanomaly

44.9011, 45.4308, 41.0528

Deuteranomaly

47.0230, 45.4181, 39.0891

Tritanomaly

49.2770, 45.3185, 45.6853

Monochromacy



Original Color

48.1605, 45.4337, 39.4889

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

45.5527, 46.2342, 46.5676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1605, 45.4337, 39.4889 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(213, 170, 160)` looks like.

```
.text, #text, p{  
    color:rgb(213, 170, 160)  
}
```

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(213, 170, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 170, 160) }
```

Border

The CSS property to change the border of an element to XYZ 48.1605, 45.4337, 39.4889 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(213, 170, 160) }
```


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

```
.border{ border-color:rgb(213, 170, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 170, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 170, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 170, 160);  
box-shadow:4px 4px 4px 4px rgb(213, 170,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1605, 45.4337, 39.4889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 170, 160) }
```

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

```
.background{ background-color: rgb(213,  
170, 160) }
```

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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