

Converting Colors

XYZ(46.4587, 44.0320, 39.5207)

Have a look what the booklet for
XYZ(46.4587, 44.0320, 39.5207)
contains.

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Color

**XYZ(46.3602, 43.9532,
39.2981)**

Conversions

Conversions Part 1

Format	Color
Hex	D0A8A0
RGB	208, 168, 160
RGB Percent	82%, 66%, 63%
CMY	0.1843, 0.3412, 0.3725
CMYK	0.00, 0.19, 0.23, 0.18
HSL	10°, 34%, 72%
HSV	10°, 23%, 82%
XYZ	46.3602, 43.9532, 39.2981
YIQ	179.0480, 26.4080, 5.9920

Conversions

Conversions Part 2

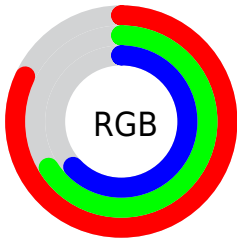
Format	Color
R _Y B	208, 170, 160
Decimal	13674656
CIE Lab	72.20, 13.43, 9.67
CIE LCh	72, 16.543, 35.757
Yxy	43.9532, 0.3577, 0.3391
Android (android.graphics.Color)	4291864736 (0xFFD0A8A0)
YUV	179.0480, -9.3907, 25.3909
Hunter-Lab	66.2972, 8.8011, 11.2635

Details

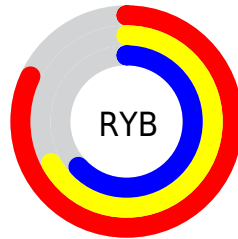
The XYZ color **46.3602, 43.9532, 39.2981** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.5362, 53.3348, 67.5167**, and the grayscale version is **42.9129, 45.1477, 49.1658**.

A 20% lighter version of the original color is **79.8934, 78.9416, 75.3164**, and **22.1426, 20.3672, 17.2322** is the 20% darker color. If you saturate the color by 10%, you get **41.7016, 37.3082, 29.5066**, and if you desaturate by 10%, it is **51.7521, 51.5770, 50.8370**.

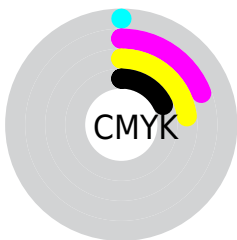
Distribution



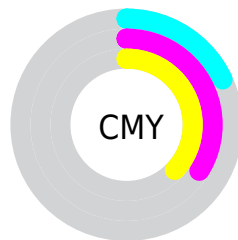
- Red (82%)
- Green (66%)
- Blue (63%)



- Red (82%)
- Yellow (67%)
- Blue (63%)



- Cyan (0%)
- Magenta (19%)
- Yellow (23%)
- Black (18%)





- Cyan (18%)
- Magenta (34%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.3602, 43.9532, 39.2981 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 46.3602, 43.9532, 39.2981 by changing the saturation by 10% instead.


 46.3602, 43.9532,
39.2981


 46.3602, 43.9532,
39.2981


362.9466,
362.5173, 358.6200

 32.7360, 30.6337,
26.6821


 83.9824, 81.1473,
75.3188

 22.0825, 20.3201,
17.1043


 108.7111,
105.7907, 99.5607

 14.0345, 12.6279,
10.1461


137.8719,
134.9776, 128.5148

 8.2265, 7.1728,
5.3891

171.8303,
169.0923, 162.5999

 4.2933, 3.5704,
2.4146

210.9516,
208.5192, 202.2344

 1.8693, 1.4363,
0.7944

255.6012,

 0.5589, 0.2432,

253.6427, 247.8369

0.0000

306.1444,
304.8473, 299.8259

■ 0.0000, 0.0000,
0.0000

■ 46.3602, 43.9532,
39.2981

■ 46.3602, 43.9532,
39.2981

■ 41.7016, 37.3082,
29.5066

■ 51.7521, 51.5770,
50.8370

■ 37.7409, 31.5963,
21.3744

■ 57.9038, 60.2108,
64.2000

■ 34.4449, 26.7774,
14.8099

■ 64.8445, 69.8919,
79.4625

■ 31.7765, 22.8058,
9.7116

■ 72.6010, 80.6539,
96.6949

■ 29.6946, 19.6320,
5.9658

■ 79.7152, 91.9354,
108.1516

■ 28.1532, 17.2010,
3.4421

■ 79.8225, 92.1500,
108.1874

■ 27.0985, 15.4506,
1.9839

■ 26.6043, 14.5935,
1.4146

Harmonies

Analogous

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



47.4410, 43.9532, 46.3077



46.3602, 43.9532, 39.2981



44.0558, 43.9532, 34.9814

Triad

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



46.3602, 43.9532, 39.2981



36.9979, 43.9532, 41.7263



42.3257, 43.9532, 65.1414

Complementary

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



46.3602, 43.9532, 39.2981



46.5362, 53.3348, 67.5167

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.



39.5766, 43.9532, 63.5594



46.3602, 43.9532, 39.2981



36.5813, 43.9532, 49.4416

Square

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



46.3602, 43.9532, 39.2981



38.6695, 43.9532, 36.2683



37.5048, 43.9532, 57.5776



45.0450, 43.9532, 61.6849

Rectangle

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



46.3602, 43.9532, 39.2981



42.1810, 43.9532, 33.9096



37.5048, 43.9532, 57.5776



41.3740, 43.9532, 65.1856

Sweetspot

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



46.3614, 43.9552, 39.2990



87.7453, 89.7779, 92.9399



49.0090, 42.7222, 60.3071



18.6525, 19.0358, 19.6134



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.



46.3614, 43.9552, 39.2990



69.4785, 63.9612, 53.8117



51.2076, 53.6476, 40.9144



11.9658, 12.1222, 12.3212



16.6292, 9.1913, 0.8977



0.9803, 0.6150, 0.0670

Inverse Universe

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



46.5362, 53.3348, 67.5167



69.8002, 81.5186, 106.6635



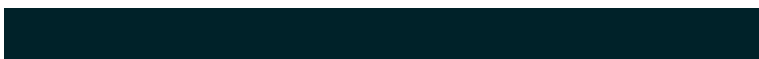
41.4082, 43.0789, 65.8074



11.9836, 13.0575, 15.1324



16.5085, 21.6636, 40.5039



0.9687, 1.3026, 2.2799

Previews

White Background



This preview shows how the XYZ color 46.3602, 43.9532, 39.2981 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 46.3602, 43.9532, 39.2981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

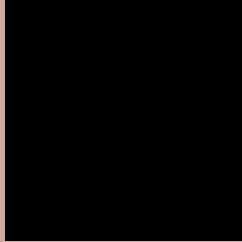
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.3602, 43.9532, 39.2981

Background



This preview shows how black text looks on a background with the XYZ color 46.3602, 43.9532, 39.2981.



This preview shows how white text looks on a background with the XYZ color 46.3602, 43.9532,

39.2981.

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

46.3602, 43.9532, 39.2981

Protanopia

42.0421, 44.2282, 41.9183

Deuteranopia

44.9083, 44.0465, 38.9358



Tritanopia

48.0694, 43.8263, 48.0453

Trichromacy



Original Color

46.3602, 43.9532, 39.2981

Protanomaly

43.4851, 44.1229, 40.8750

Deuteranomaly

45.5346, 44.0900, 38.9112

Tritanomaly

47.2814, 43.7680, 44.4842

Monochromacy



Original Color

46.3602, 43.9532, 39.2981

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

44.0116, 44.5857, 45.3160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.3602, 43.9532, 39.2981 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(208, 168, 160)` looks like.

```
.text, #text, p{  
    color:rgb(208, 168, 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(208, 168, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 168, 160) }
```

Border

The CSS property to change the border of an element to XYZ 46.3602, 43.9532, 39.2981 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(208, 168, 160) }
```


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

```
.border{ border-color:rgb(208, 168, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 168, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 168, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 168, 160);  
box-shadow:4px 4px 4px 4px rgb(208, 168,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 46.3602, 43.9532, 39.2981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 168, 160) }
```

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

```
.background{ background-color: rgb(208,  
168, 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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