

Converting Colors

XYZ(42.7512, 48.6204, 39.1034)

Have a look what the booklet for
XYZ(42.7512, 48.6204, 39.1034)
contains.

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Color

**XYZ(42.8594, 48.7262,
39.0445)**

Conversions

Conversions Part 1

Format	Color
Hex	B2BE9D
RGB	178, 190, 157
RGB Percent	70%, 75%, 62%
CMY	0.3020, 0.2549, 0.3843
CMYK	0.06, 0.00, 0.17, 0.25
HSL	82°, 20%, 68%
HSV	82°, 17%, 75%
XYZ	42.8594, 48.7262, 39.0445
YIQ	182.6500, 3.4410, -12.8070

Conversions

Conversions Part 2

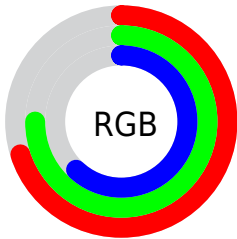
Format	Color
RYB	157, 190, 169
Decimal	11714205
CIELab	75.28, -10.03, 15.29
CIELCh	75, 18.288, 123.271
Yxy	48.7262, 0.3281, 0.3730
Android (android.graphics.Color)	4289904285 (0xFFB2BE9D)
YUV	182.6500, -12.6454, -4.0780
Hunter-Lab	69.8042, -12.5592, 15.6994

Details

The XYZ color **42.8594, 48.7262, 39.0445** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.7153, 36.2680, 53.7304**, and the grayscale version is **44.8849, 47.2224, 51.4252**.

A 20% lighter version of the original color is **78.7711, 88.1574, 75.1518**, and **20.0046, 23.2919, 17.0771** is the 20% darker color. If you saturate the color by 10%, you get **39.8162, 47.3319, 31.0827**, and if you desaturate by 10%, it is **46.2374, 50.2668, 48.3409**.

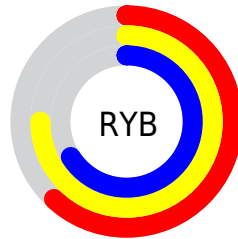
Distribution



Red (70%)

Green (75%)

Blue (62%)



Red (62%)

Yellow (75%)

Blue (66%)

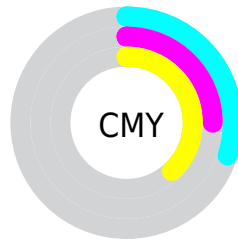


Cyan (6%)

Magenta (0%)

Yellow (17%)

Black (25%)



Cyan (30%)


Magenta (25%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.8594, 48.7262, 39.0445 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 42.8594, 48.7262, 39.0445 by changing the saturation by 10% instead.


 42.8594, 48.7262,
39.0445


 42.8594, 48.7262,
39.0445


348.9646,
381.6634, 357.5113

 29.9689, 34.4023,
26.4862

 78.7557, 88.2847,
74.9274

 19.9629, 23.2029,
16.9587


 102.4921,
114.2881, 99.0891

 12.4762, 14.7434,
10.0434


130.5746,
144.9534, 127.9557

 7.1434, 8.6395,
5.3218

163.3684,
180.6651, 161.9458

 3.5990, 4.5068,
2.3753

201.2390,
221.8076, 201.4778

 1.4779, 1.9609,
0.7729

244.5516,

 0.3107, 0.5846,

268.7652, 246.9704

0.0000

293.6717,
321.9223, 298.8420

■ 0.0000, 0.0000,
0.0000

■ 42.8594, 48.7262,
39.0445

■ 42.8594, 48.7262,
39.0445

■ 39.8162, 47.3319,
31.0827

■ 46.2374, 50.2668,
48.3409

■ 37.0912, 46.0724,
24.3910

■ 49.9583, 51.9524,
59.0260

■ 34.6719, 44.9441,
18.9044


■ 54.0348, 53.7897,
71.1549


■ 32.5433, 43.9410,
14.5508


■ 58.4777, 55.7831,
84.7785

■ 30.6893, 43.0563,
11.2506


■ 63.2972, 57.9370,
99.9456


 29.0912, 42.2826,
8.9135


 65.8180, 59.1812,
102.5619


 27.7280, 41.6111,
7.4344

 67.9464, 60.2784,
102.6615

 26.5696, 41.0298,
6.6627

 70.1623, 61.4207,
102.7652

 26.2853, 40.8864,
6.5065

 72.4666, 62.6086,
102.8730

Harmonies

Analogous

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



45.9452, 48.7262, 36.6485



42.8594, 48.7262, 39.0445



40.7809, 48.7262, 45.1631

Triad

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



42.8594, 48.7262, 39.0445



43.4685, 48.7262, 71.3477



53.0642, 48.7262, 52.0060

Complementary

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



42.8594, 48.7262, 39.0445



37.7153, 36.2680, 53.7304

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.



52.3236, 48.7262, 61.8155



42.8594, 48.7262, 39.0445



46.6823, 48.7262, 73.7451

Square

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



42.8594, 48.7262, 39.0445



41.1204, 48.7262, 63.8620



49.9469, 48.7262, 70.0694



51.9249, 48.7262, 43.5409

Rectangle

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



42.8594, 48.7262, 39.0445



40.1907, 48.7262, 50.9169



49.9469, 48.7262, 70.0694



53.0271, 48.7262, 55.2512

Sweetspot

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



42.8607, 48.7283, 39.0456



85.2718, 91.7613, 91.8014



41.4272, 41.5919, 37.7436



18.6226, 20.1035, 19.8685



92.9021, 97.7402, 106.4391



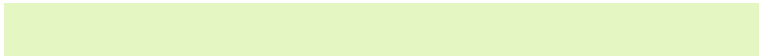
19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.8607, 48.7283, 39.0456



75.4045, 87.2633, 64.7403



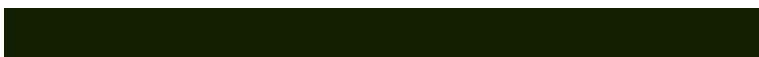
39.3909, 46.9396, 38.8832



9.9766, 10.9423, 10.1629



17.5658, 27.2314, 4.3304



0.7574, 1.1024, 0.1729

Inverse Universe

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



37.7153, 36.2680, 53.7304



64.2678, 60.2908, 96.5291



41.3726, 38.1534, 53.9015



9.3353, 9.3897, 11.9926



7.8963, 3.3568, 32.6246



0.3818, 0.1689, 1.2813

Previews

White Background



This preview shows how the XYZ color 42.8594, 48.7262, 39.0445 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 42.8594, 48.7262, 39.0445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

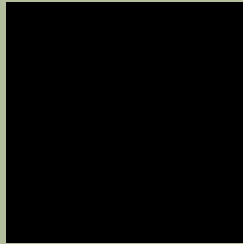
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.8594, 48.7262, 39.0445

Background



This preview shows how black text looks on a background with the XYZ color 42.8594, 48.7262, 39.0445.



This preview shows how white text looks on a background with the XYZ color 42.8594, 48.7262,

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

42.8594, 48.7262, 39.0445

Protanopia

45.6874, 48.6331, 37.5510

Deuteranopia

49.3298, 48.3410, 39.5317



Tritanopia

47.2165, 48.5948, 60.9240

Trichromacy



Original Color

42.8594, 48.7262, 39.0445

Protanomaly

44.6730, 48.7260, 38.0609

Deuteranomaly

46.7189, 48.2039, 39.1897

Tritanomaly

45.5020, 48.5236, 52.3152

Monochromacy



Original Color

42.8594, 48.7262, 39.0445

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.2549, 47.9976, 46.9764

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8594, 48.7262, 39.0445 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(178, 190, 157)` looks like.

```
.text, #text, p{  
    color:rgb(178, 190, 157)  
}
```

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(178, 190, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 190, 157) }
```

Border

The CSS property to change the border of an element to XYZ 42.8594, 48.7262, 39.0445 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(178, 190, 157) }
```


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

```
.border{ border-color:rgb(178, 190, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 190, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 190, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 190, 157);  
box-shadow:4px 4px 4px 4px rgb(178, 190,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8594, 48.7262, 39.0445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 190, 157) }
```

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

```
.background{ background-color: rgb(178,  
190, 157) }
```

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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