

Converting Colors

XYZ(41.6980, 45.0414, 23.9489)

Have a look what the booklet for
XYZ(41.6980, 45.0414, 23.9489)
contains.

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Color

**XYZ(41.6980, 45.0414,
23.9489)**

Conversions

Conversions Part 1

Format	Color
Hex	C2B377
RGB	194, 179, 119
RGB Percent	76%, 70%, 47%
CMY	0.2392, 0.2980, 0.5333
CMYK	0.00, 0.08, 0.39, 0.24
HSL	48°, 38%, 61%
HSV	48°, 39%, 76%
XYZ	41.6980, 45.0414, 23.9489
YIQ	176.6450, 28.2000, -15.4800

Conversions

Conversions Part 2

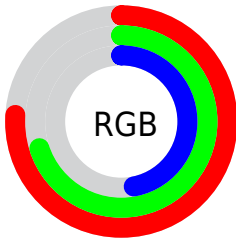
Format	Color
RYB	138, 194, 119
Decimal	12759927
CIELab	72.92, -3.35, 32.58
CIELCh	73, 32.753, 95.869
Yxy	45.0414, 0.3767, 0.4069
Android (android.graphics.Color)	4290950007 (0xFFC2B377)
YUV	176.6450, -28.4190, 15.2203
Hunter-Lab	67.1129, -6.5435, 25.8217

Details

The XYZ color **41.6980, 45.0414, 23.9489** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **25.8703, 24.8665, 54.4752**, and the grayscale version is **41.7386, 43.9122, 47.8204**.

A 20% lighter version of the original color is **77.2996, 83.0907, 50.9937**, and **19.1825, 20.8403, 8.6418** is the 20% darker color. If you saturate the color by 10%, you get **39.8837, 43.0908, 18.1711**, and if you desaturate by 10%, it is **43.7743, 47.1350, 30.9884**.

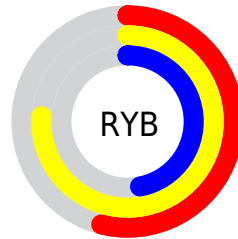
Distribution



Red (76%)

Green (70%)

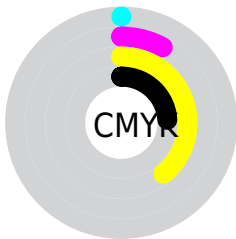
Blue (47%)



Red (54%)

Yellow (76%)

Blue (47%)

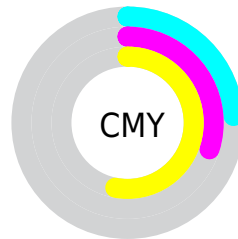


Cyan (0%)

Magenta (8%)

Yellow (39%)

Black (24%)



Cyan (24%)

Magenta (30%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.6980, 45.0414, 23.9489 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 41.6980, 45.0414, 23.9489 by changing the saturation by 10% instead.

■ 41.6980, 45.0414,
23.9489

■ 41.6980, 45.0414,
23.9489

344.2425,
366.9412, 285.8403

■ 29.0550, 31.4900,
15.0839

■ 77.0104, 82.7825,
50.8896

■ 19.2669, 20.9723,
8.7310

■ 100.4105,
107.7411, 69.8023

■ 11.9684, 13.1037,
4.4717

■ 128.1269,
137.2708, 92.9014

■ 6.7942, 7.5000,
1.8875

160.5251,
171.7562, 120.6053

■ 3.3789, 3.7767,
0.4848

197.9704,
211.5815, 153.3326

■ 1.3572, 1.5495,
0.0000

240.8282,

■ 0.2254, 0.3232,

257.1312, 191.5018

0.0000

289.4637,
308.7896, 235.5315

■ 0.0000, 0.0000,
0.0000

■ 41.6980, 45.0414,
23.9489

■ 41.6980, 45.0414,
23.9489

■ 39.8837, 43.0908,
18.1711

■ 43.7743, 47.1350,
30.9884

■ 38.3132, 41.2708,
13.5753

■ 46.1227, 49.3711,
39.3571

■ 36.9714, 39.5768,
10.0774

■ 48.7568, 51.7571,
49.1209

■ 35.8397, 38.0009,
7.5807

■ 51.6884, 54.2979,
60.3407

■ 34.8964, 36.5341,
5.9717

■ 54.9285, 56.9982,
73.0737

■ 34.1059, 35.1621,
5.0641

■ 58.4875, 59.8624,
87.3740

■ 34.0048, 34.9826,
4.9601

■ 62.3753, 62.8947,
103.2930

■ 63.3535, 64.8001,
103.7763

■ 64.3231, 66.7392,
104.0995

Harmonies

Analogous

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



47.4561, 45.0414, 25.5860



41.6980, 45.0414, 23.9489



36.6963, 45.0414, 27.7260

Triad

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



41.6980, 45.0414, 23.9489



34.5182, 45.0414, 69.8616



53.6283, 45.0414, 63.0480

Complementary

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



41.6980, 45.0414, 23.9489



25.8703, 24.8665, 54.4752

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.



49.5687, 45.0414, 79.1785



41.6980, 45.0414, 23.9489



38.4784, 45.0414, 83.6848

Square

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



41.6980, 45.0414, 23.9489



32.7945, 45.0414, 52.3273



43.9426, 45.0414, 87.4263



54.6828, 45.0414, 45.8980

Rectangle

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



41.6980, 45.0414, 23.9489



34.3530, 45.0414, 33.4356



43.9426, 45.0414, 87.4263



52.5533, 45.0414, 68.8775

Sweetspot

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



41.6991, 45.0435, 23.9498



86.5892, 92.2128, 82.4520



33.1484, 26.3847, 25.9005



18.8215, 20.0667, 17.5334



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.



41.6991, 45.0435, 23.9498



72.8584, 78.7332, 34.7701



39.5255, 48.6298, 24.7566



10.7368, 11.4051, 10.6974



22.4159, 23.1176, 3.2807



1.0131, 1.0879, 0.1566

Inverse Universe

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



25.8703, 24.8665, 54.4752



40.3394, 37.3011, 97.5435



27.4046, 22.7959, 53.9946



9.6878, 10.0669, 12.7173



6.9219, 3.6004, 33.8867



0.3486, 0.2545, 1.4806

Previews

White Background



This preview shows how the XYZ color 41.6980, 45.0414, 23.9489 looks on a white background.

Color Contrast Check

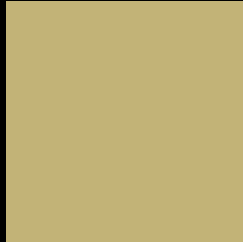
Large Text (above 18pt) WCAG AA × Fail

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 41.6980, 45.0414, 23.9489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

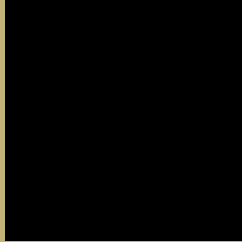
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.6980, 45.0414, 23.9489

Background



This preview shows how black text looks on a background with the XYZ color 41.6980, 45.0414, 23.9489.



This preview shows how white text looks on a background with the XYZ color 41.6980, 45.0414,

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

41.6980, 45.0414, 23.9489

Protanopia

41.6980, 45.0414, 23.9489

Deuteranopia

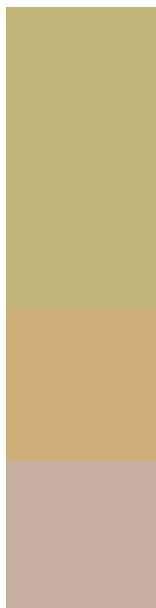
45.7457, 44.8024, 24.3258



Tritanopia

47.3020, 45.0040, 51.5410

Trichromacy



Original Color

41.6980, 45.0414, 23.9489

Protanomaly

41.6980, 45.0414, 23.9489

Deuteranomaly

44.2583, 44.8936, 24.1020

Tritanomaly

44.7699, 44.8159, 39.5484

Monochromacy



Original Color

41.6980, 45.0414, 23.9489

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.4496, 44.3084, 37.8202

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6980, 45.0414, 23.9489 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(194, 179, 119)` looks like.

```
.text, #text, p{  
    color:rgb(194, 179, 119)  
}
```

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(194, 179, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 179, 119) }
```

Border

The CSS property to change the border of an element to XYZ 41.6980, 45.0414, 23.9489 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(194, 179, 119) }
```


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

```
.border{ border-color:rgb(194, 179, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 179, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 179, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 179, 119);  
box-shadow:4px 4px 4px 4px rgb(194, 179,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6980, 45.0414, 23.9489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 179, 119) }
```

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

```
.background{ background-color: rgb(194,  
179, 119) }
```

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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