

Converting Colors

XYZ(17.8469, 11.3929, 52.6345)

Have a look what the booklet for
XYZ(17.8469, 11.3929, 52.6345)
contains.

XYZ(17.9293, 11.4499, 52.8948)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**XYZ(17.9293, 11.4499,
52.8948)**

Conversions

Conversions Part 1

Format	Color
Hex	6947C3
RGB	105, 71, 195
RGB Percent	41%, 28%, 76%
CMY	0.5882, 0.7216, 0.2353
CMYK	0.46, 0.64, 0.00, 0.24
HSL	256°, 51%, 52%
HSV	256°, 64%, 76%
XYZ	17.9293, 11.4499, 52.8948
YIQ	95.3020, -19.5400, 45.7720

Conversions

Conversions Part 2

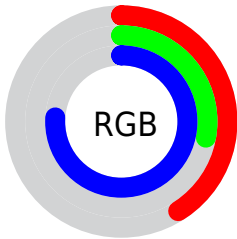
Format	Color
R _Y B	105, 71, 195
Decimal	6899651
CIE Lab	40.33, 43.96, -60.10
CIE LCh	40, 74.466, 306.182
Yxy	11.4499, 0.2179, 0.1392
Android (android.graphics.Color)	4285089731 (0xFF6947C3)
YUV	95.3020, 49.1511, 8.5051
Hunter-Lab	33.8377, 35.3643, -68.9952

Details

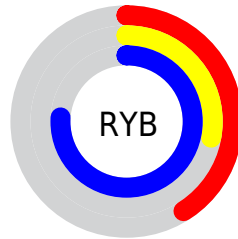
The XYZ color **17.9293, 11.4499, 52.8948** is a dark color, and the websafe version is hex **663399**. The color can be described as dark muted purple. A complement of this color would be **35.3499, 47.0621, 13.1821**, and the grayscale version is **10.8393, 11.4037, 12.4187**.

A 20% lighter version of the original color is **39.3084, 28.3844, 95.5024**, and **6.1222, 3.0641, 25.0797** is the 20% darker color. If you saturate the color by 10%, you get **15.3560, 8.5684, 52.4745**, and if you desaturate by 10%, it is **21.1782, 15.2703, 53.4612**.

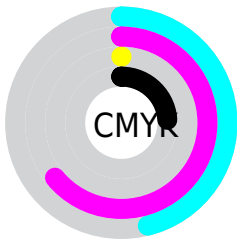
Distribution



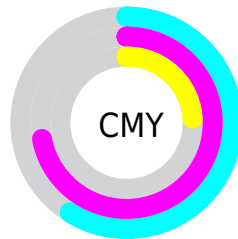
- Red (41%)
- Green (28%)
- Blue (76%)



- Red (41%)
- Yellow (28%)
- Blue (76%)



- Cyan (46%)
- Magenta (64%)
- Yellow (0%)
- Black (24%)



- Cyan (59%)
- Magenta (72%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9293, 11.4499, 52.8948 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 17.9293, 11.4499, 52.8948 by changing the saturation by 10% instead.

■ 17.9293, 11.4499,
52.8948

■ 17.9293, 11.4499,
52.8948

233.5255,
200.7287, 414.9362

■ 10.9986, 6.3703,
37.3316

■ 39.4478, 28.4892,
95.8895

■ 6.1332, 3.0715,
25.1666

■ 54.7664, 41.2176,
124.1582

■ 2.9677, 1.1692,
15.9811

■ 73.6117, 57.2645,
157.4991

■ 1.1367, 0.0363,
9.3565

■ 96.3490, 77.0141,
196.3308

■ 0.0555, 0.0000,
4.8745

■ 123.3436,
100.8510, 241.0718

■ 0.0000, 0.0000,
2.1164

154.9611,

■ 0.0000, 0.0000,

129.1594, 292.1407

0.6255

191.5666,
162.3238, 349.9560

■ 0.0000, 0.0000,
0.0000

■ 17.9293, 11.4499,
52.8948

■ 17.9293, 11.4499,
52.8948

■ 15.3560, 8.5684,
52.4745

■ 21.1782, 15.2703,
53.4612

■ 13.4032, 6.5385,
52.1856

■ 25.1482, 20.1040,
54.1850

■ 12.0090, 5.2573,
52.0118

■ 29.8825, 26.0189,
55.0771

■ 11.3436, 4.7099,
51.9412

■ 35.4202, 33.0765,
56.1475

■ 41.7977, 41.3338,
57.4052

■ 49.0492, 50.8440,
58.8587

■ 57.2067, 61.6567,
60.5158

■ 66.3008, 73.8192,
62.3841

■ 76.3605, 87.3762,
64.4707

Harmonies

Analogous

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



11.9972, 11.4499, 68.2349



17.9293, 11.4499, 52.8948



22.8542, 11.4499, 28.0039

Triad

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



17.9293, 11.4499, 52.8948



15.4480, 11.4499, 0.0983



3.6546, 11.4499, 15.8175

Complementary

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



17.9293, 11.4499, 52.8948



35.3499, 47.0621, 13.1821

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.



4.0521, 11.4499, 4.1019



17.9293, 11.4499, 52.8948



9.8396, 11.4499, 0.0000

Square

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



17.9293, 11.4499, 52.8948



21.1310, 11.4499, 2.0442



5.9770, 11.4499, 0.6590



4.6362, 11.4499, 38.2173

Rectangle

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



17.9293, 11.4499, 52.8948



24.2435, 11.4499, 14.4755



5.9770, 11.4499, 0.6590



3.6372, 11.4499, 10.6534

Sweetspot

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



17.9299, 11.4503, 52.8951



68.1555, 65.3229, 101.4862



25.3576, 31.0971, 56.2958



14.2171, 13.3910, 22.0853



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.



17.9299, 11.4503, 52.8951



26.1249, 13.8746, 93.7709



27.8436, 16.5610, 53.3591



9.7818, 9.8787, 12.6760



7.4432, 3.0975, 33.7622



0.3904, 0.1693, 1.4620

Inverse Universe

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



31.1918, 18.6818, 35.6788



52.3612, 28.2358, 57.2342



25.9008, 42.1909, 12.7399



10.3756, 10.1989, 12.0686



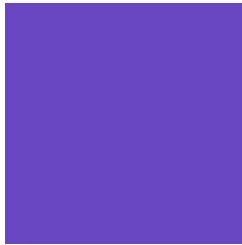
17.8147, 8.8156, 17.4681



0.7975, 0.3920, 0.9010

Previews

White Background



This preview shows how the XYZ color 17.9293, 11.4499, 52.8948 looks on a white 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 × Fail

Black Background



This preview shows how the XYZ color 17.9293, 11.4499, 52.8948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

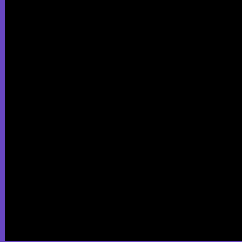
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.9293, 11.4499, 52.8948

Background



This preview shows how black text looks on a background with the XYZ color 17.9293, 11.4499, 52.8948.



This preview shows how white text looks on a background with the XYZ color 17.9293, 11.4499,

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

17.9293, 11.4499, 52.8948

Deuteranopia

11.4361, 11.4140, 39.1365

Tritanopia

10.3108, 11.5046, 15.0418

Trichromacy



Original Color

17.9293, 11.4499, 52.8948



Deuteranomaly

12.3249, 10.6059, 43.5170



Tritanomaly

12.2936, 10.9881, 25.5177

Monochromacy



Original Color

17.9293, 11.4499, 52.8948



Achromatopsia

10.8771, 11.4435, 12.4620



Achromatomaly

12.5701, 10.9469, 22.9232

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9293, 11.4499, 52.8948 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(105, 71, 195)` looks like.

```
.text, #text, p{  
    color:rgb(105, 71, 195)  
}
```

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(105, 71, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 71, 195) }
```

Border

The CSS property to change the border of an element to XYZ 17.9293, 11.4499, 52.8948 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(105, 71, 195) }
```

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

```
.border{ border-color:rgb(105, 71, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 71, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 71, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 71, 195); box-shadow:4px 4px 4px 4px rgb(105, 71, 195) }
```


Background

The CSS property to change the background color of an element to XYZ 17.9293, 11.4499, 52.8948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 71, 195) }
```

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

```
.background{ background-color: rgb(105, 71,  
195) }
```

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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