

Converting Colors

XYZ(17.7779, 10.4361, 52.4088)

Have a look what the booklet for
XYZ(17.7779, 10.4361, 52.4088)
contains.

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Color

**XYZ(17.6601, 10.3780,
52.1113)**

Conversions

Conversions Part 1

Format	Color
Hex	6D3CC2
RGB	109, 60, 194
RGB Percent	43%, 24%, 76%
CMY	0.5725, 0.7647, 0.2392
CMYK	0.44, 0.69, 0.00, 0.24
HSL	262°, 53%, 50%
HSV	262°, 69%, 76%
XYZ	17.6601, 10.3780, 52.1113
YIQ	89.9270, -13.8100, 52.0620

Conversions

Conversions Part 2

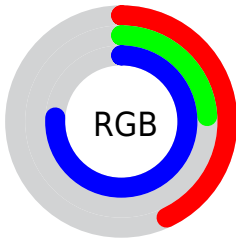
Format	Color
R _{YB}	109, 60, 194
Decimal	7158978
CIE _{Lab}	38.51, 50.35, -62.46
CIE _{LCh}	39, 80.220, 308.872
Yxy	10.3780, 0.2203, 0.1295
Android (android.graphics.Color)	4285349058 (0xFF6D3CC2)
YUV	89.9270, 51.3080, 16.7270
Hunter-Lab	32.2149, 41.4770, -73.3579

Details

The XYZ color **17.6601, 10.3780, 52.1113** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **31.7843, 44.9296, 11.2722**, and the grayscale version is **9.5934, 10.0930, 10.9913**.

A 20% lighter version of the original color is **38.8229, 26.4409, 94.3242**, and **5.9811, 2.6256, 24.6176** is the 20% darker color. If you saturate the color by 10%, you get **15.4145, 7.9783, 51.7667**, and if you desaturate by 10%, it is **20.4912, 13.6324, 52.5905**.

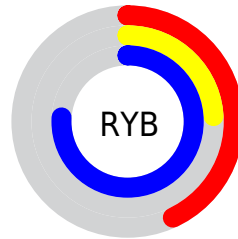
Distribution



Red (43%)

Green (24%)

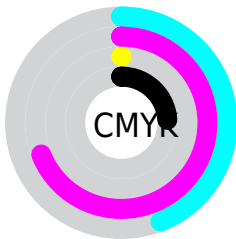
Blue (76%)



Red (43%)

Yellow (24%)

Blue (76%)

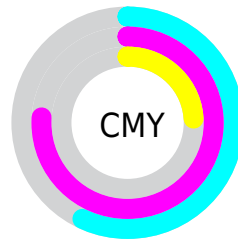


Cyan (44%)

Magenta (69%)

Yellow (0%)

Black (24%)



Cyan (57%)

Magenta (76%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6601, 10.3780, 52.1113 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 17.6601, 10.3780, 52.1113 by changing the saturation by 10% instead.

■ 17.6601, 10.3780,
52.1113

■ 17.6601, 10.3780,
52.1113

■ 232.0310,
193.3490, 411.8353

■ 10.8044, 5.6503,
36.7109

■ 38.9919, 26.5041,
94.7236

■ 6.0018, 2.6336,
24.6897

■ 54.1988, 38.6713,
122.7727

■ 2.8869, 0.9436,
15.6291

■ 72.9201, 54.0871,
155.8750

■ 1.0942, 0.0000,
9.1106

■ 95.5213, 73.1359,
194.4492

■ 0.0203, 0.0000,
4.7156

■ 122.3676, 96.2021,
238.9138

■ 0.0000, 0.0000,
2.0256

■ 153.8244,

■ 0.0000, 0.0000,

123.6701, 289.6873

0.5709

190.2571,
155.9243, 347.1883

■ 0.0000, 0.0000,
0.0000

■ 17.6601, 10.3780,
52.1113

■ 17.6601, 10.3780,
52.1113

■ 15.4145, 7.9783,
51.7667

■ 20.4912, 13.6324,
52.5905

■ 13.7009, 6.3418,
51.5411

■ 23.9509, 17.8179,
53.2160

■ 12.4361, 5.3152,
51.4097

■ 28.0797, 23.0031,
53.9993

■ 12.3321, 5.2325,
51.3992

■ 32.9141, 29.2499,
54.9502

■ 38.4876, 36.6149,
56.0780

■ 44.8316, 45.1507,
57.3913

■ 51.9754, 54.9066,
58.8978

■ 59.9471, 65.9287,
60.6051

■ 68.7729, 78.2612,
62.5204

Harmonies

Analogous

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



11.5057, 10.3780, 70.7736



17.6601, 10.3780, 52.1113



22.6076, 10.3780, 25.2666

Triad

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



17.6601, 10.3780, 52.1113



13.9721, 10.3780, 0.0000



2.8705, 10.3780, 16.3758

Complementary

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



17.6601, 10.3780, 52.1113



31.7843, 44.9296, 11.2722

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.



3.1227, 10.3780, 3.7502



17.6601, 10.3780, 52.1113



8.3863, 10.3780, 0.0000

Square

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



17.6601, 10.3780, 52.1113



20.0056, 10.3780, 1.1313



4.7850, 10.3780, 0.2759



3.9038, 10.3780, 40.9225

Rectangle

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



17.6601, 10.3780, 52.1113



23.8053, 10.3780, 11.8789



4.7850, 10.3780, 0.2759



2.8186, 10.3780, 10.7400

Sweetspot

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



17.6606, 10.3783, 52.1116



67.3259, 63.1369, 101.1080



22.0506, 25.7545, 54.8481



14.1095, 12.9861, 22.0129



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.



17.6606, 10.3783, 52.1116



26.1851, 12.7388, 93.5485



28.7870, 16.1142, 52.6323



9.8684, 9.9233, 12.6801



8.1909, 3.4830, 33.7972



0.4300, 0.1897, 1.4638

Inverse Universe

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



28.9749, 16.7455, 28.4925



48.9882, 25.6290, 43.3490



23.4243, 40.6199, 10.8810



10.3360, 10.1830, 11.8597



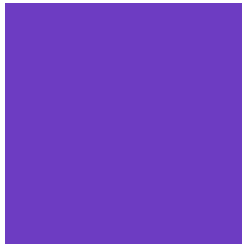
17.0209, 8.4981, 13.2881



0.7676, 0.3801, 0.7437

Previews

White Background



This preview shows how the XYZ color 17.6601, 10.3780, 52.1113 looks on a white background.

Color Contrast Check

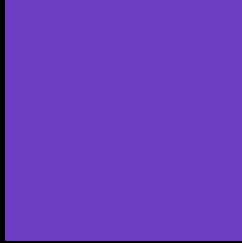
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.6601, 10.3780, 52.1113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

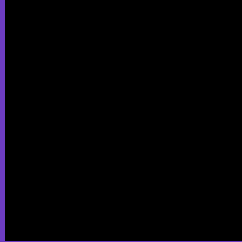
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.6601, 10.3780, 52.1113

Background



This preview shows how black text looks on a background with the XYZ color 17.6601, 10.3780, 52.1113.



This preview shows how white text looks on a background with the XYZ color 17.6601, 10.3780,

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

17.6601, 10.3780, 52.1113

Protanopia

12.2467, 10.4822, 47.2767

Deuteranopia

10.2595, 10.3668, 34.7180



Tritanopia

9.7834, 10.3424, 13.0359

Trichromacy



Original Color

17.6601, 10.3780, 52.1113



Protanomaly

12.6766, 9.5307, 48.7484



Deuteranomaly

11.2639, 9.3145, 40.2339



Tritanomaly

11.7184, 9.8105, 23.4663

Monochromacy



Original Color

17.6601, 10.3780, 52.1113



Achromatopsia

9.7181, 10.2242, 11.1341



Achromatomaly

11.6220, 9.6919, 21.6802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6601, 10.3780, 52.1113 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(109, 60, 194)` looks like.

```
.text, #text, p{  
    color:rgb(109, 60, 194)  
}
```

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(109, 60, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 60, 194) }
```

Border

The CSS property to change the border of an element to XYZ 17.6601, 10.3780, 52.1113 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(109, 60, 194) }
```


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

```
.border{ border-color:rgb(109, 60, 194) }
```

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

Here you see how a box with a 4 pixel rgb(109, 60, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 60, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 60, 194);  
box-shadow:4px 4px 4px 4px rgb(109, 60,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6601, 10.3780, 52.1113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 60, 194) }
```

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

```
.background{ background-color: rgb(109, 60,  
194) }
```

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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