

Converting Colors

XYZ(17.5567, 10.0324, 54.5122)

Have a look what the booklet for
XYZ(17.5567, 10.0324, 54.5122)
contains.

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Color

**XYZ(17.6000, 10.0676,
54.4417)**

Conversions

Conversions Part 1

Format	Color
Hex	6A39C6
RGB	106, 57, 198
RGB Percent	42%, 22%, 78%
CMY	0.5843, 0.7765, 0.2235
CMYK	0.46, 0.71, 0.00, 0.22
HSL	261°, 55%, 50%
HSV	261°, 71%, 78%
XYZ	17.6000, 10.0676, 54.4417
YIQ	87.7250, -16.0570, 54.2390

Conversions

Conversions Part 2

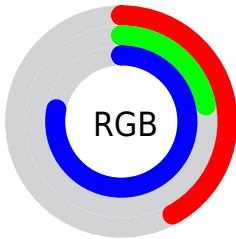
Format	Color
R_{YB}	106, 57, 198
Decimal	6961606
CIE _{Lab}	37.96, 52.39, -65.70
CIE _{LCh}	38, 84.029, 308.568
Yxy	10.0676, 0.2143, 0.1226
Android (android.graphics.Color)	4285151686 (0xFF6A39C6)
YUV	87.7250, 54.3656, 16.0272
Hunter-Lab	31.7295, 43.4854, -79.5196

Details

The XYZ color **17.6000, 10.0676, 54.4417** 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 **33.3264, 47.0730, 11.2004**, and the grayscale version is **9.1045, 9.5786, 10.4311**.

A 20% lighter version of the original color is **38.7224, 25.8376, 97.5540**, and **5.9966, 2.5186, 26.1567** is the 20% darker color. If you saturate the color by 10%, you get **15.3837, 7.7445, 54.1103**, and if you desaturate by 10%, it is **20.4301, 13.2735, 54.9116**.

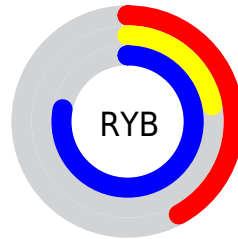
Distribution



Red (42%)

Green (22%)

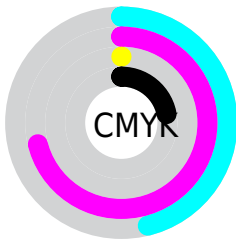
Blue (78%)



Red (42%)

Yellow (22%)

Blue (78%)

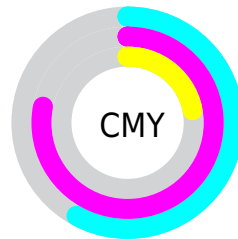


Cyan (46%)

Magenta (71%)

Yellow (0%)

Black (22%)



Cyan (58%)

Magenta (78%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6000, 10.0676, 54.4417 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 17.6000, 10.0676, 54.4417 by changing the saturation by 10% instead.

■ 17.6000, 10.0676,
54.4417

■ 17.6000, 10.0676,
54.4417

■ 231.6961,
191.1539, 421.0143

■ 10.7611, 5.4438,
38.5593

■ 38.8900, 25.9226,
98.1854

■ 5.9726, 2.5099,
26.1119

■ 54.0718, 37.9225,
126.8838

■ 2.8689, 0.8816,
16.6809

■ 72.7654, 53.1500,
160.6913

■ 1.0848, 0.0000,
9.8477

■ 95.3360, 71.9894,
200.0265

■ 0.0124, 0.0000,
5.1938

■ 122.1490, 94.8251,
245.3078

■ 0.0000, 0.0000,
2.3007

■ 153.5698,

■ 0.0000, 0.0000,

122.0414, 296.9539

0.7316

189.9637,
154.0229, 355.3832

■ 0.0000, 0.0000,
0.0000

■ 17.6000, 10.0676,
54.4417

■ 17.6000, 10.0676,
54.4417

■ 15.3837, 7.7445,
54.1103

■ 20.4301, 13.2735,
54.9116

■ 13.7222, 6.2034,
53.9005

■ 23.9218, 17.4456,
55.5328

■ 12.6342, 5.3357,
53.7903

■ 28.1195, 22.6584,
56.3178

■ 33.0628, 28.9785,
57.2771

■ 38.7885, 36.4669,
58.4208

■ 45.3306, 45.1802,
59.7578

■ 52.7210, 55.1710,
61.2967

■ 60.9900, 66.4890,
63.0455

■ 70.1662, 79.1811,
65.0116

Harmonies

Analogous

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



11.1987, 10.0676, 74.3679



17.6000, 10.0676, 54.4417



22.8327, 10.0676, 25.7897

Triad

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



17.6000, 10.0676, 54.4417



13.8805, 10.0676, 0.0000



2.5412, 10.0676, 16.0090

Complementary

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



17.6000, 10.0676, 54.4417



33.3264, 47.0730, 11.2004

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.



2.7978, 10.0676, 3.2969



17.6000, 10.0676, 54.4417



8.1055, 10.0676, 0.0000

Square

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



17.6000, 10.0676, 54.4417



20.1833, 10.0676, 0.9135



4.4503, 10.0676, 0.0000



3.5352, 10.0676, 41.8617

Rectangle

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



17.6000, 10.0676, 54.4417



24.1312, 10.0676, 11.7209



4.4503, 10.0676, 0.0000



2.4950, 10.0676, 10.2364

Sweetspot

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



17.6005, 10.0679, 54.4420



68.5754, 64.4286, 103.4294



22.9471, 27.0804, 57.4439



14.0399, 12.9503, 22.0096



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.



17.6005, 10.0679, 54.4420



25.6361, 12.1716, 95.6059



29.2234, 16.0597, 54.9859



10.3985, 10.4637, 13.3891



8.3002, 3.5132, 34.9850



0.4713, 0.2067, 1.6602

Inverse Universe

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



30.1764, 17.1019, 30.1427



50.1457, 25.9441, 45.3684



24.2833, 42.4111, 10.7772



10.9205, 10.7516, 12.5645



17.7718, 8.8583, 14.5402



0.8747, 0.4327, 0.8635

Previews

White Background



This preview shows how the XYZ color 17.6000, 10.0676, 54.4417 looks on a white background.

Color Contrast Check

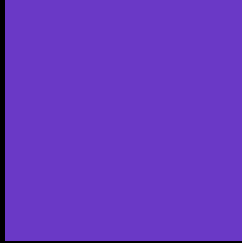
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.6000, 10.0676, 54.4417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

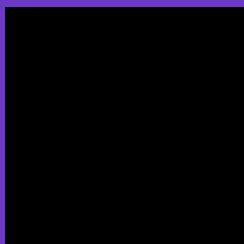
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.6000, 10.0676, 54.4417

Background



This preview shows how black text looks on a background with the XYZ color 17.6000, 10.0676, 54.4417.



This preview shows how white text looks on a background with the XYZ color 17.6000, 10.0676,

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

17.6000, 10.0676, 54.4417

Protanopia

11.7713, 10.0330, 45.5721

Deuteranopia

9.9129, 10.0886, 33.3231



Tritanopia

9.2540, 10.0695, 13.0111

Trichromacy



Original Color

17.6000, 10.0676, 54.4417



Protanomaly

12.4299, 9.0943, 48.6772



Deuteranomaly

11.0791, 9.0019, 40.1833



Tritanomaly

11.2189, 9.4370, 23.7845

Monochromacy



Original Color

17.6000, 10.0676, 54.4417



Achromatopsia

9.2757, 9.7587, 10.6273



Achromatomaly

11.2695, 9.2992, 21.6230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6000, 10.0676, 54.4417 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(106, 57, 198)` looks like.

```
.text, #text, p{  
    color:rgb(106, 57, 198)  
}
```

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(106, 57, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 57, 198) }
```

Border

The CSS property to change the border of an element to XYZ 17.6000, 10.0676, 54.4417 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(106, 57, 198) }
```


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

```
.border{ border-color:rgb(106, 57, 198) }
```

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

Here you see how a box with a 4 pixel rgb(106, 57, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 57, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 57, 198);  
box-shadow:4px 4px 4px 4px rgb(106, 57,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6000, 10.0676, 54.4417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 57, 198) }
```

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

```
.background{ background-color: rgb(106, 57,  
198) }
```

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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