

Converting Colors

XYZ(10.4284, 17.0285, 0.5803)

Have a look what the booklet for
XYZ(10.4284, 17.0285, 0.5803)
contains.

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Color

**XYZ(10.9108, 17.2783,
2.7600)**

Conversions

Conversions Part 1

Format	Color
Hex	4D8100
RGB	77, 129, 0
RGB Percent	30%, 51%, 0%
CMY	0.6980, 0.4941, 1.0000
CMYK	0.40, 0.00, 1.00, 0.49
HSL	84°, 100%, 25%
HSV	84°, 100%, 51%
XYZ	10.9108, 17.2783, 2.7600
YIQ	98.7460, 10.4170, -51.1430

Conversions

Conversions Part 2

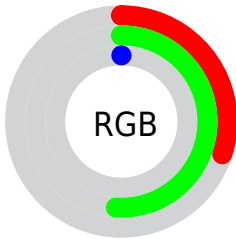
Format	Color
RYB	0, 129, 52
Decimal	5079296
CIELab	48.61, -35.48, 52.64
CIELCh	49, 63.486, 123.982
Yxy	17.2783, 0.3525, 0.5583
Android (android.graphics.Color)	4283269376 (0xFF4D8100)
YUV	98.7460, -48.6818, -19.0712
Hunter-Lab	41.5672, -25.8888, 25.1603

Details

The XYZ color **10.9108, 17.2783, 2.7600** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5.3796, 2.3157, 20.9333**, and the grayscale version is **11.9131, 12.5336, 13.6490**.

A 20% lighter version of the original color is **27.0422, 38.6628, 11.0384**, and **3.1052, 5.7514, 0.9465** is the 20% darker color. If you saturate the color by 10%, you get **10.9108, 17.2789, 2.7601**, and if you desaturate by 10%, it is **11.4198, 17.5329, 3.1600**.

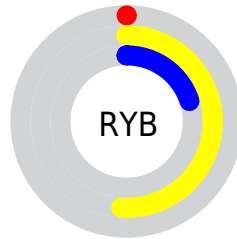
Distribution



Red (30%)

Green (51%)

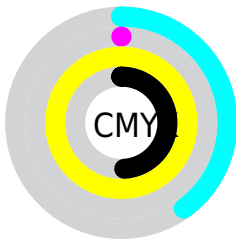
Blue (0%)



Red (0%)

Yellow (51%)

Blue (20%)

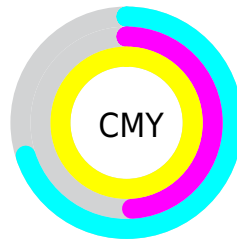


Cyan (40%)

Magenta (0%)

Yellow (100%)

Black (49%)



Cyan (70%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.9108, 17.2783, 2.7600 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 10.9108, 17.2783, 2.7600 by changing the saturation by 10% instead.

■ 10.9108, 17.2783,
2.7600

■ 10.9108, 17.2783,
2.7600

190.9755,
236.7711, 133.2426

■ 6.0737, 10.4331,
0.9734

■ 27.1295, 38.8037,
11.0303

■ 2.9311, 5.6871,
0.0000

■ 39.2419, 54.2526,
18.3510

■ 1.1174, 2.6557,
0.0000

■ 54.5101, 73.3383,
28.3536

■ 0.0396, 0.9548,
0.0000

■ 73.2994, 96.4450,
41.4565


■ 0.0000, 0.0000,
0.0000


■ 95.9753, 123.9573,
58.0784


■ 122.9030,


156.2595, 78.6376


 154.4480,
193.7359, 103.5529


 10.9108, 17.2783,
2.7600


 10.9108, 17.2783,
2.7600


 10.9108, 17.2789,
2.7601

 11.4198, 17.5329,
3.1600

 12.0030, 17.8206,
3.7733

 12.6860, 18.1523,
4.7295

 13.4774, 18.5314,
6.0696

 14.3845, 18.9610,
7.8287

■ 15.4139, 19.4439,
10.0381

■ 16.5716, 19.9824,
12.7260

■ 17.8631, 20.5789,
15.9183

■ 19.2937, 21.2355,
19.6391

Harmonies

Analogous

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



15.6549, 17.2783, 1.5110



10.9108, 17.2783, 2.7600



8.2558, 17.2783, 7.9368

Triad

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



10.9108, 17.2783, 2.7600



11.9720, 17.2783, 65.0517



30.3681, 17.2783, 16.6667

Complementary

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



10.9108, 17.2783, 2.7600



5.3796, 2.3157, 20.9333

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.



28.7247, 17.2783, 36.7444



10.9108, 17.2783, 2.7600



17.2148, 17.2783, 72.6030

Square

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



10.9108, 17.2783, 2.7600



8.7588, 17.2783, 43.1269



23.5340, 17.2783, 60.0766



27.6073, 17.2783, 5.9534

Rectangle

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



10.9108, 17.2783, 2.7600



7.5938, 17.2783, 15.6382



23.5340, 17.2783, 60.0766



30.3158, 17.2783, 22.3911

Sweetspot

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



10.9112, 17.2791, 2.7604



29.5196, 35.7104, 22.4174



10.2643, 7.0884, 0.8275



6.5122, 8.0042, 4.6741



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



10.9112, 17.2791, 2.7604



19.3635, 30.8512, 4.9343



8.0153, 15.7862, 2.6249



4.5028, 4.9356, 4.6355



10.6424, 16.8488, 2.6912



0.0000, 0.0000, 0.0000

Inverse Universe

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



5.3796, 2.3157, 20.9333



9.4693, 4.0619, 37.4774



11.1790, 5.3054, 21.2047



4.2602, 4.2897, 5.4167



5.2490, 2.2597, 20.4095



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 10.9108, 17.2783, 2.7600 looks on a white background.

Color Contrast Check

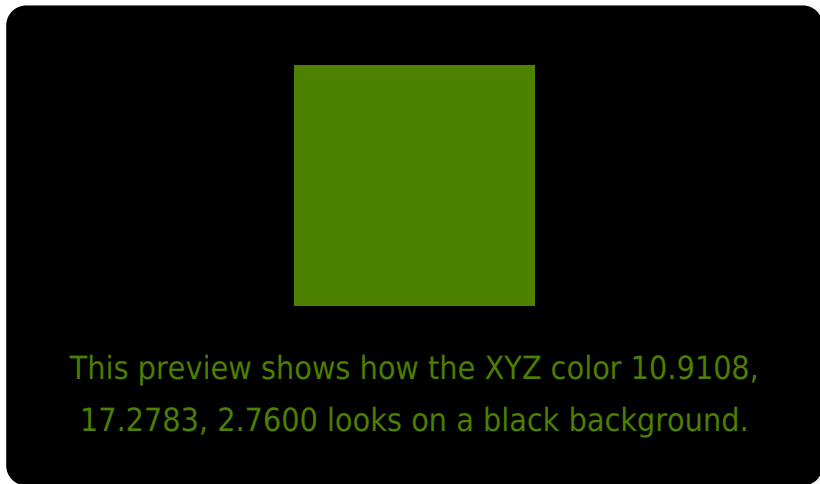
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 10.9108, 17.2783, 2.7600

Background



This preview shows how black text looks on a background with the XYZ color 10.9108, 17.2783, 2.7600.



This preview shows how white text looks on a background with the XYZ color 10.9108, 17.2783,

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

10.9108, 17.2783, 2.7600

Protanopia

15.3367, 17.0073, 2.4744

Deuteranopia

17.3321, 17.0316, 3.3512



Tritanopia

15.1594, 17.3200, 23.6632

Trichromacy



Original Color

10.9108, 17.2783, 2.7600

Protanomaly

13.2720, 16.8124, 2.5456

Deuteranomaly

14.0923, 16.5243, 2.9771

Tritanomaly

12.5748, 16.8167, 10.7668

Monochromacy



Original Color

10.9108, 17.2783, 2.7600

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

10.7875, 13.7349, 6.7852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.9108, 17.2783, 2.7600 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(77, 129, 0)` looks like.

```
.text, #text, p{  
    color:rgb(77, 129, 0)  
}
```

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(77, 129, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 129, 0) }
```

Border

The CSS property to change the border of an element to XYZ 10.9108, 17.2783, 2.7600 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(77, 129, 0) }
```


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

```
.border{ border-color:rgb(77, 129, 0) }
```

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

Here you see how a box with a 4 pixel rgb(77, 129, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 129, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 129, 0);  
box-shadow:4px 4px 4px 4px rgb(77, 129, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.9108, 17.2783, 2.7600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 129, 0) }
```

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

```
.background{ background-color: rgb(77, 129,  
0) }
```

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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