

Converting Colors

XYZ(10.9982, 17.3649, 3.5447)

Have a look what the booklet for
XYZ(10.9982, 17.3649, 3.5447)
contains.

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Color

**XYZ(10.9756, 17.2949,
3.5188)**

Conversions

Conversions Part 1

Format	Color
Hex	4C8116
RGB	76, 129, 22
RGB Percent	30%, 51%, 9%
CMY	0.7020, 0.4941, 0.9137
CMYK	0.41, 0.00, 0.83, 0.49
HSL	90°, 71%, 30%
HSV	90°, 83%, 51%
XYZ	10.9756, 17.2949, 3.5188
YIQ	100.9550, 2.7590, -44.5130

Conversions

Conversions Part 2

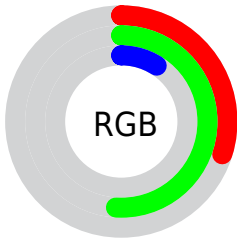
Format	Color
R_{YB}	22, 129, 75
Decimal	5013782
CIE _{Lab}	48.63, -35.09, 47.72
CIE _{LCh}	49, 59.239, 126.328
Yxy	17.2949, 0.3453, 0.5440
Android (android.graphics.Color)	4283203862 (0xFF4C8116)
YUV	100.9550, -38.9248, -21.8855
Hunter-Lab	41.5871, -25.6681, 24.0943

Details

The XYZ color **10.9756, 17.2949, 3.5188** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7.1517, 3.6551, 21.0983**, and the grayscale version is **12.4554, 13.1040, 14.2703**.

A 20% lighter version of the original color is **27.2384, 38.7235, 12.8763**, and **3.1052, 5.7514, 0.9465** is the 20% darker color. If you saturate the color by 10%, you get **10.3983, 17.0088, 2.9964**, and if you desaturate by 10%, it is **11.6663, 17.6334, 4.3714**.

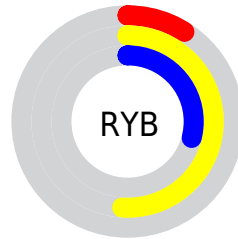
Distribution



Red (30%)

Green (51%)

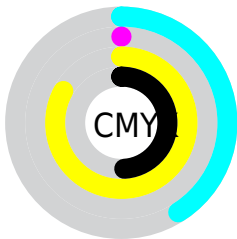
Blue (9%)



Red (9%)

Yellow (51%)

Blue (29%)

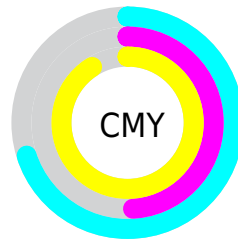


Cyan (41%)

Magenta (0%)

Yellow (83%)

Black (49%)



Cyan (70%)

Magenta (49%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.9756, 17.2949, 3.5188 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 10.9756, 17.2949, 3.5188 by changing the saturation by 10% instead.

■ 10.9756, 17.2949,
3.5188

■ 10.9756, 17.2949,
3.5188

191.4118,
236.8661, 142.7165

■ 6.1176, 10.4450,
1.3653

■ 27.2484, 38.8321,
12.8838

■ 2.9581, 5.6950,
0.1144

■ 39.3939, 54.2882,
20.9324

■ 1.1316, 2.6605,
0.0000

■ 54.6993, 73.3818,
31.7830

■ 0.0513, 0.9572,
0.0000

■ 73.5299, 96.4973,
45.8543

■ 0.0000, 0.0000,
0.0000

■ 96.2511, 124.0191,
63.5647

■ 123.2283,

156.3315, 85.3329

154.8267,
193.8191, 111.5773

10.9756, 17.2949,
3.5188

10.9756, 17.2949,
3.5188

10.3983, 17.0088,
2.9964

11.6663, 17.6334,
4.3714

10.0372, 16.8284,
2.7192

12.4789, 18.0260,
5.5969

13.4221, 18.4770,
7.2323

14.5033, 18.9895,
9.3100

15.7292, 19.5664,
11.8590

■ 17.1062, 20.2102,
14.9057

■ 18.6399, 20.9235,
18.4750

■ 20.3361, 21.7085,
22.5896

■ 22.1997, 22.5676,
27.2712

Harmonies

Analogous

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



15.3093, 17.2949, 1.9754



10.9756, 17.2949, 3.5188



8.5830, 17.2949, 9.1636

Triad

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



10.9756, 17.2949, 3.5188



12.5771, 17.2949, 61.9035



29.2192, 17.2949, 15.7111

Complementary

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



10.9756, 17.2949, 3.5188



7.1517, 3.6551, 21.0983

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.



28.0346, 17.2949, 33.6464



10.9756, 17.2949, 3.5188



17.6215, 17.2949, 67.2318

Square

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



10.9756, 17.2949, 3.5188



9.3545, 17.2949, 42.8147



23.4662, 17.2949, 54.8696



26.4168, 17.2949, 6.0544

Rectangle

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



10.9756, 17.2949, 3.5188



8.0368, 17.2949, 16.9725



23.4662, 17.2949, 54.8696



29.2814, 17.2949, 20.8209

Sweetspot

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



10.9760, 17.2957, 3.5192



29.9535, 35.8738, 25.1605



11.6286, 9.5855, 1.9966



6.6150, 8.0428, 5.3285



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.



10.9760, 17.2957, 3.5192



17.7982, 30.0443, 4.8611



8.3671, 15.9507, 3.3971



4.4667, 4.9170, 4.6338



9.7908, 16.4097, 2.6514



0.0000, 0.0000, 0.0000

Inverse Universe

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



7.1517, 3.6551, 21.0983



10.6957, 4.6941, 37.5348



13.0347, 6.6879, 21.3736



4.2959, 4.3081, 5.4184



5.9234, 2.6073, 20.4410



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 10.9756, 17.2949, 3.5188 looks on a white background.

Color Contrast Check

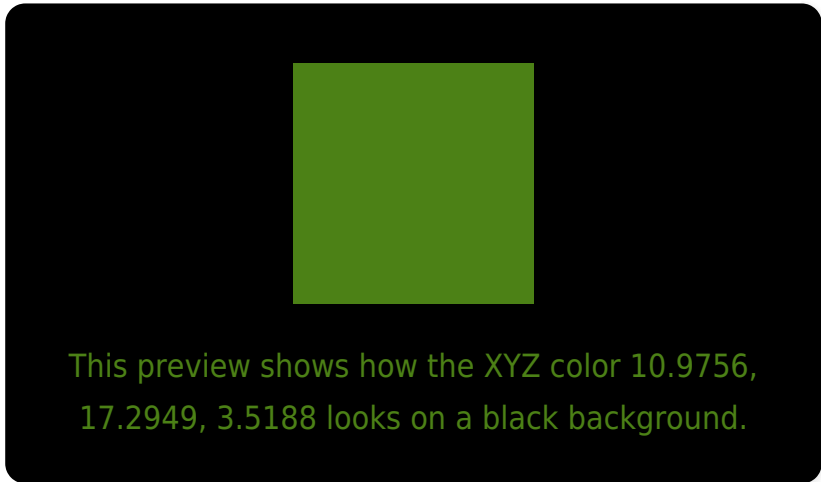
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.9756, 17.2949, 3.5188

Background



This preview shows how black text looks on a background with the XYZ color 10.9756, 17.2949, 3.5188.



This preview shows how white text looks on a background with the XYZ color 10.9756, 17.2949,

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

10.9756, 17.2949, 3.5188

Protanopia

15.4458, 17.0510, 3.0493

Deuteranopia

17.2448, 16.9764, 3.8067



Tritanopia

15.0601, 17.2688, 23.6586

Trichromacy



Original Color

10.9756, 17.2949, 3.5188

Protanomaly

13.2644, 16.7950, 3.1587

Deuteranomaly

14.0749, 16.5014, 3.6057

Tritanomaly

12.8090, 16.8997, 12.4844

Monochromacy



Original Color

10.9756, 17.2949, 3.5188

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

11.2678, 14.1121, 8.2609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.9756, 17.2949, 3.5188 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(76, 129, 22)` looks like.

```
.text, #text, p{  
    color:rgb(76, 129, 22)  
}
```

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(76, 129, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 129, 22) }
```

Border

The CSS property to change the border of an element to XYZ 10.9756, 17.2949, 3.5188 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(76, 129, 22) }
```


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

```
.border{ border-color:rgb(76, 129, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 129, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 129, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 129, 22);  
box-shadow:4px 4px 4px 4px rgb(76, 129,  
22) }
```

Background

The CSS property to change the background color of an element to XYZ 10.9756, 17.2949, 3.5188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 129, 22) }
```

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

```
.background{ background-color: rgb(76, 129,  
22) }
```

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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