

Converting Colors

XYZ(11.7212, 17.6207, 3.6524)

Have a look what the booklet for
XYZ(11.7212, 17.6207, 3.6524)
contains.

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Color

**XYZ(11.7614, 17.6978,
3.6603)**

Conversions

Conversions Part 1

Format	Color
Hex	558118
RGB	85, 129, 24
RGB Percent	33%, 51%, 9%
CMY	0.6667, 0.4941, 0.9059
CMYK	0.34, 0.00, 0.81, 0.49
HSL	85°, 69%, 30%
HSV	85°, 81%, 51%
XYZ	11.7614, 17.6978, 3.6603
YIQ	103.8740, 7.4810, -41.9830

Conversions

Conversions Part 2

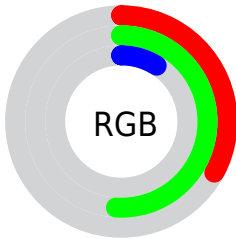
Format	Color
R_{YB}	24, 129, 68
Decimal	5603608
CIE _{Lab}	49.13, -31.56, 47.74
CIE _{LCh}	49, 57.231, 123.470
Yxy	17.6978, 0.3551, 0.5344
Android (android.graphics.Color)	4283793688 (0xFF558118)
YUV	103.8740, -39.3779, -16.5525
Hunter-Lab	42.0688, -23.7161, 24.2894

Details

The XYZ color **11.7614, 17.6978, 3.6603** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6.6740, 3.4678, 21.0876**, and the grayscale version is **13.2255, 13.9142, 15.1526**.

A 20% lighter version of the original color is **28.5487, 39.3950, 13.1205**, and **3.4232, 5.9153, 0.9613** is the 20% darker color. If you saturate the color by 10%, you get **11.1856, 17.4136, 3.0914**, and if you desaturate by 10%, it is **12.4391, 18.0284, 4.5667**.

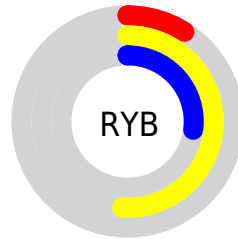
Distribution



Red (33%)

Green (51%)

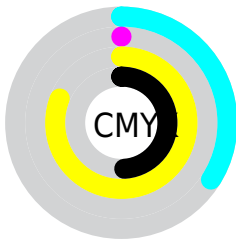
Blue (9%)



Red (9%)

Yellow (51%)

Blue (27%)

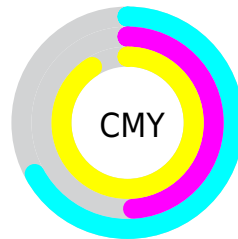


Cyan (34%)

Magenta (0%)

Yellow (81%)

Black (49%)



Cyan (67%)

Magenta (49%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.7614, 17.6978, 3.6603 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 11.7614, 17.6978, 3.6603 by changing the saturation by 10% instead.

■ 11.7614, 17.6978,
3.6603

■ 11.7614, 17.6978,
3.6603

196.6216,
239.1621, 144.3713

■ 6.6525, 10.7332,
1.4409

■ 28.6804, 39.5217,
13.2184

■ 3.2901, 5.8878,
0.1733

■ 41.2212, 55.1498,
21.3942

■ 1.3090, 2.7769,
0.0000

■ 56.9701, 74.4346,
32.3925

■ 0.1899, 1.0164,
0.0000

■ 76.2922, 97.7605,
46.6320

■ 0.0000, 0.0000,
0.0000

■ 99.5531, 125.5117,
64.5310

■ 127.1181,

158.0728, 86.5082

159.3524,
195.8282, 112.9821

11.7614, 17.6978,
3.6603

11.7614, 17.6978,
3.6603

11.1856, 17.4136,
3.0914

12.4391, 18.0284,
4.5667

10.7475, 17.1947,
2.7525

13.2263, 18.4066,
5.8514

14.1310, 18.8363,
7.5506

15.1599, 19.3203,
9.6961

16.3193, 19.8612,
12.3164

■ 17.6147, 20.4613,
15.4377

■ 19.0516, 21.1228,
19.0844

■ 20.6348, 21.8478,
23.2792

■ 22.3692, 22.6382,
28.0433

Harmonies

Analogous

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



16.2062, 17.6978, 2.2846



11.7614, 17.6978, 3.6603



9.1934, 17.6978, 8.8779

Triad

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



11.7614, 17.6978, 3.6603



12.6316, 17.6978, 59.4800



29.3220, 17.6978, 17.5411

Complementary

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



11.7614, 17.6978, 3.6603



6.6740, 3.4678, 21.0876

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.



27.8070, 17.6978, 35.6542



11.7614, 17.6978, 3.6603



17.4516, 17.6978, 66.1799

Square

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



11.7614, 17.6978, 3.6603



9.6159, 17.6978, 40.5149



23.1569, 17.6978, 55.7791



26.9456, 17.6978, 7.1600

Rectangle

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



11.7614, 17.6978, 3.6603



8.5304, 17.6978, 16.1095



23.1569, 17.6978, 55.7791



29.2527, 17.6978, 22.8188

Sweetspot

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



11.7618, 17.6986, 3.6607



30.7799, 36.2872, 25.7722



11.2710, 8.8379, 1.9763



6.8090, 8.1403, 5.4523



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.



11.7618, 17.6986, 3.6607



19.2414, 30.7862, 5.0249



8.6350, 16.0866, 3.5143



4.4965, 4.9324, 4.6352



10.4832, 16.7667, 2.6838



0.0000, 0.0000, 0.0000

Inverse Universe

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



6.6740, 3.4678, 21.0876



9.8415, 4.3080, 37.5053



12.0703, 6.2498, 21.3402



4.2664, 4.2929, 5.4170



5.3546, 2.3141, 20.4144



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.7614, 17.6978, 3.6603 looks on a white background.

Color Contrast Check

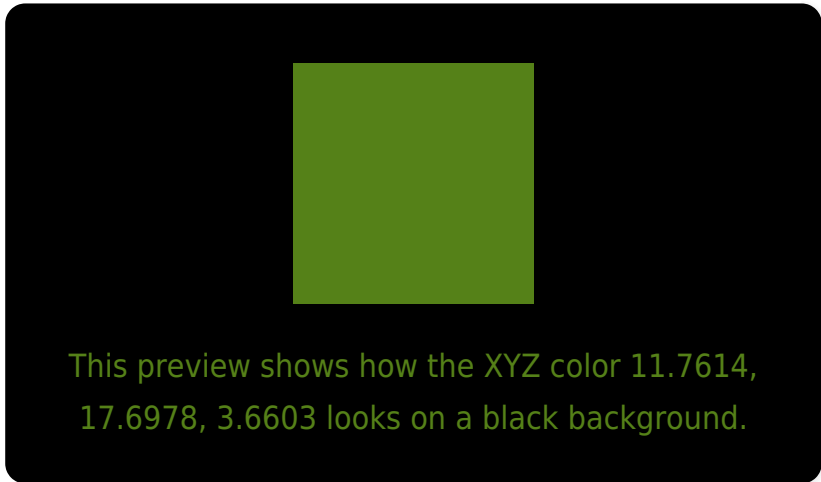
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 11.7614, 17.6978, 3.6603

Background



This preview shows how black text looks on a background with the XYZ color 11.7614, 17.6978, 3.6603.



This preview shows how white text looks on a background with the XYZ color 11.7614, 17.6978,

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

11.7614, 17.6978, 3.6603

Protanopia

15.8567, 17.6020, 3.2713

Deuteranopia

17.7187, 17.3783, 3.9339



Tritanopia

15.7827, 17.6413, 23.6924

Trichromacy



Original Color

11.7614, 17.6978, 3.6603

Protanomaly

13.9216, 17.3101, 3.3665

Deuteranomaly

14.9078, 17.1014, 3.7435

Tritanomaly

13.4855, 17.2484, 12.5160

Monochromacy



Original Color

11.7614, 17.6978, 3.6603

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

12.1049, 14.8596, 8.8868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.7614, 17.6978, 3.6603 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(85, 129, 24)` looks like.

```
.text, #text, p{  
    color:rgb(85, 129, 24)  
}
```

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(85, 129, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 129, 24) }
```

Border

The CSS property to change the border of an element to XYZ 11.7614, 17.6978, 3.6603 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(85, 129, 24) }
```


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

```
.border{ border-color:rgb(85, 129, 24) }
```

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

Here you see how a box with a 4 pixel rgb(85, 129, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 129, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 129, 24);  
box-shadow:4px 4px 4px 4px rgb(85, 129,  
24) }
```

Background

The CSS property to change the background color of an element to XYZ 11.7614, 17.6978, 3.6603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 129, 24) }
```

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

```
.background{ background-color: rgb(85, 129,  
24) }
```

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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