

Converting Colors

XYZ(11.2303, 14.7128, 8.4294)

Have a look what the booklet for
XYZ(11.2303, 14.7128, 8.4294)
contains.

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Color

**XYZ(11.2309, 14.7556,
8.3871)**

Conversions

Conversions Part 1

Format	Color
Hex	577348
RGB	87, 115, 72
RGB Percent	34%, 45%, 28%
CMY	0.6588, 0.5490, 0.7176
CMYK	0.24, 0.00, 0.37, 0.55
HSL	99°, 23%, 37%
HSV	99°, 37%, 45%
XYZ	11.2309, 14.7556, 8.3871
YIQ	101.7260, -2.8850, -19.3090

Conversions

Conversions Part 2

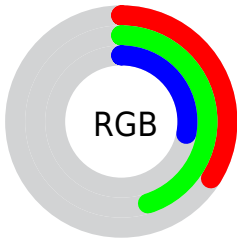
Format	Color
RYB	72, 115, 100
Decimal	5731144
CIELab	45.30, -18.86, 20.59
CIElCh	45, 27.920, 132.489
Yxy	14.7556, 0.3267, 0.4293
Android (android.graphics.Color)	4283921224 (0xFF577348)
YUV	101.7260, -14.6549, -12.9147
Hunter-Lab	38.4130, -15.0343, 13.9437

Details

The XYZ color **11.2309, 14.7556, 8.3871** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **10.6681, 8.5823, 17.3148**, and the grayscale version is **12.5957, 13.2516, 14.4310**.

A 20% lighter version of the original color is **27.7511, 34.4212, 23.2705**, and **3.0801, 4.5446, 1.7518** is the 20% darker color. If you saturate the color by 10%, you get **10.2271, 14.2779, 6.5616**, and if you desaturate by 10%, it is **12.3782, 15.3000, 10.5863**.

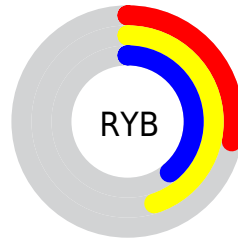
Distribution



Red (34%)

Green (45%)

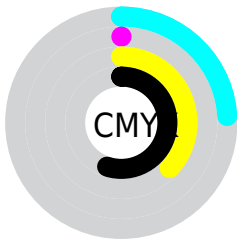
Blue (28%)



Red (28%)

Yellow (45%)

Blue (39%)

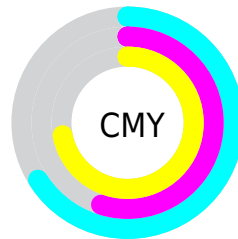


Cyan (24%)

Magenta (0%)

Yellow (37%)

Black (55%)



Cyan (66%)

Magenta (55%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2309, 14.7556, 8.3871 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 11.2309, 14.7556, 8.3871 by changing the saturation by 10% instead.

■ 11.2309, 14.7556,
8.3871

■ 11.2309, 14.7556,
8.3871

193.1206,
221.8821, 188.7840

■ 6.2908, 8.6480,
4.2523

■ 27.7155, 34.4239,
23.2725

■ 3.0650, 4.5123,
1.7648

■ 39.9908, 48.7533,
34.8601

■ 1.1882, 1.9641,
0.4046

■ 55.4418, 66.5923,
49.7692

■ 0.0971, 0.5865,
0.0000

■ 74.4339, 88.3250,
68.4181

■ 0.0000, 0.0000,
0.0000

■ 97.3325, 114.3360,
91.2256

124.5029,

145.0095, 118.6100

156.3105,
180.7301, 150.9900

■ 11.2309, 14.7556,
8.3871

■ 11.2309, 14.7556,
8.3871

■ 10.2271, 14.2779,
6.5616

■ 12.3782, 15.3000,
10.5863

■ 9.3596, 13.8624,
5.0882

■ 13.6737, 15.9119,
13.1776

■ 8.6221, 13.5068,
3.9444


■ 15.1231, 16.5941,
16.1789


■ 8.0073, 13.2078,
3.1046


■ 16.7315, 17.3490,
19.6072

■ 7.5073, 12.9620,
2.5397


■ 18.5037, 18.1788,
23.4782


 7.1050, 12.7623,
2.1750

 20.4445, 19.0855,
27.8068

 7.0105, 12.7155,
2.0848

 22.5582, 20.0711,
32.6075

 24.8492, 21.1375,
37.8939

 27.3215, 22.2866,
43.6792

Harmonies

Analogous

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



13.0851, 14.7556, 6.5652



11.2309, 14.7556, 8.3871



10.1976, 14.7556, 12.5315

Triad

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



11.2309, 14.7556, 8.3871



12.7290, 14.7556, 31.5258



18.8289, 14.7556, 13.4671

Complementary

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



11.2309, 14.7556, 8.3871



10.6681, 8.5823, 17.3148

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.



18.7065, 14.7556, 20.2103



11.2309, 14.7556, 8.3871



15.0084, 14.7556, 31.9807

Square

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



11.2309, 14.7556, 8.3871



10.9950, 14.7556, 26.2930



17.2473, 14.7556, 27.4040



17.5655, 14.7556, 8.9091

Rectangle

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



11.2309, 14.7556, 8.3871



10.0353, 14.7556, 16.6256



17.2473, 14.7556, 27.4040



18.9521, 14.7556, 15.5197

Sweetspot

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



11.2313, 14.7562, 8.3874



26.0346, 29.2221, 26.7862



12.7929, 13.2181, 8.0082



6.1463, 6.9410, 6.2563



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



11.2313, 14.7562, 8.3874



18.5168, 25.6636, 12.1102



10.1950, 14.1964, 9.4958



3.7500, 4.1546, 3.9466



7.9922, 14.5245, 2.3823



38.1003, 70.3432, 11.5695

Inverse Universe

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



10.6681, 8.5823, 17.3148



17.3433, 12.8639, 30.6134



12.1243, 9.3745, 15.5125



3.7086, 3.6971, 4.6084



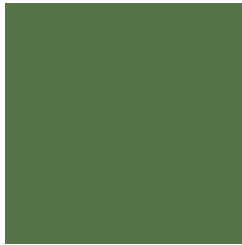
6.8213, 3.1079, 18.7829



32.2901, 14.6546, 91.4870

Previews

White Background



This preview shows how the XYZ color 11.2309, 14.7556, 8.3871 looks on a white background.

Color Contrast Check

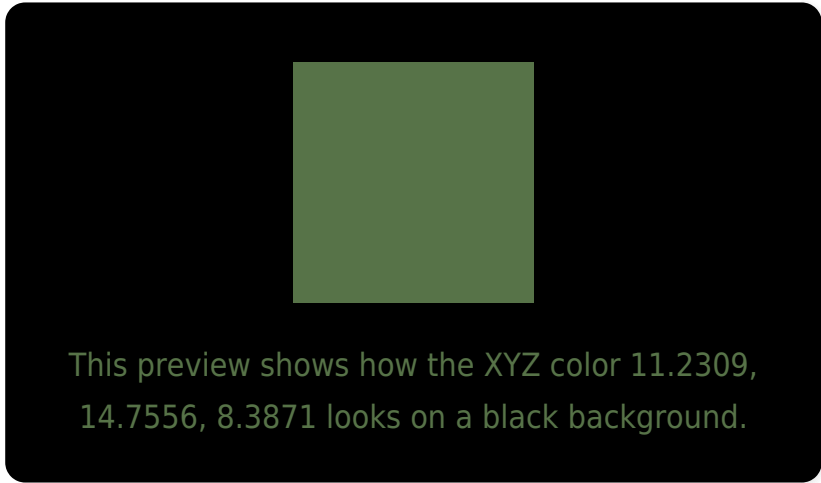
Large Text (above 18pt) WCAG AA ✓ Pass

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

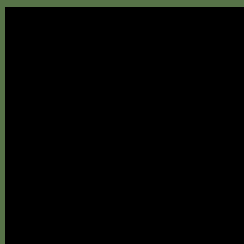
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.2309, 14.7556, 8.3871

Background



This preview shows how black text looks on a background with the XYZ color 11.2309, 14.7556, 8.3871.



This preview shows how white text looks on a background with the XYZ color 11.2309, 14.7556,

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

11.2309, 14.7556, 8.3871

Protanopia

13.5343, 14.6581, 7.7462

Deuteranopia

14.7738, 14.5228, 8.6811



Tritanopia

13.3547, 14.6250, 19.2586

Trichromacy



Original Color

11.2309, 14.7556, 8.3871

Protanomaly

12.5071, 14.5973, 7.9527

Deuteranomaly

13.1758, 14.4545, 8.5741

Tritanomaly

12.3478, 14.5326, 14.4662

Monochromacy



Original Color

11.2309, 14.7556, 8.3871

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

12.0758, 13.8121, 11.9271

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2309, 14.7556, 8.3871 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(87, 115, 72)` looks like.

```
.text, #text, p{  
    color:rgb(87, 115, 72)  
}
```

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(87, 115, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 115, 72) }
```

Border

The CSS property to change the border of an element to XYZ 11.2309, 14.7556, 8.3871 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(87, 115, 72) }
```


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

```
.border{ border-color:rgb(87, 115, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 115, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 115, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 115, 72);  
box-shadow:4px 4px 4px 4px rgb(87, 115,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2309, 14.7556, 8.3871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 115, 72) }
```

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

```
.background{ background-color: rgb(87, 115,  
72) }
```

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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