

Converting Colors

XYZ(11.2902, 17.3533, 8.2415)

Have a look what the booklet for
XYZ(11.2902, 17.3533, 8.2415)
contains.

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Color

**XYZ(11.2775, 17.3468,
8.2227)**

Conversions

Conversions Part 1

Format	Color
Hex	448144
RGB	68, 129, 68
RGB Percent	27%, 51%, 27%
CMY	0.7333, 0.4941, 0.7333
CMYK	0.47, 0.00, 0.47, 0.49
HSL	120°, 31%, 39%
HSV	120°, 47%, 51%
XYZ	11.2775, 17.3468, 8.2227
YIQ	103.8070, -16.7750, -31.9030

Conversions

Conversions Part 2

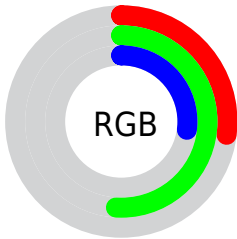
Format	Color
RYB	68, 129, 129
Decimal	4489540
CIELab	48.69, -33.16, 27.00
CIELCh	49, 42.764, 140.842
Yxy	17.3468, 0.3061, 0.4708
Android (android.graphics.Color)	4282679620 (0xFF448144)
YUV	103.8070, -17.6529, -31.4027
Hunter-Lab	41.6495, -24.5539, 17.4492

Details

The XYZ color **11.2775, 17.3468, 8.2227** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **15.0833, 10.3866, 21.9791**, and the grayscale version is **13.1557, 13.8408, 15.0727**.

A 20% lighter version of the original color is **27.6846, 38.7333, 22.8468**, and **3.0924, 5.7281, 1.7017** is the 20% darker color. If you saturate the color by 10%, you get **10.1236, 16.7931, 6.3350**, and if you desaturate by 10%, it is **12.7169, 18.0387, 10.5768**.

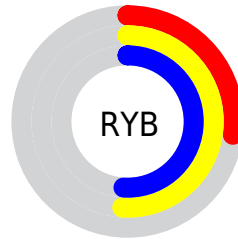
Distribution



Red (27%)

Green (51%)

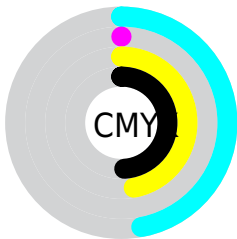
Blue (27%)



Red (27%)

Yellow (51%)

Blue (51%)

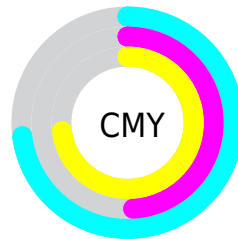


Cyan (47%)

Magenta (0%)

Yellow (47%)

Black (49%)



Cyan (73%)

Magenta (49%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2775, 17.3468, 8.2227 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 11.2775, 17.3468, 8.2227 by changing the saturation by 10% instead.

■ 11.2775, 17.3468,
8.2227

■ 11.2775, 17.3468,
8.2227

193.4308,
237.1630, 187.4678

■ 6.3225, 10.4821,
4.1480

■ 27.8006, 38.9211,
22.9472

■ 3.0847, 5.7197,
1.7069

■ 40.0994, 54.3994,
34.4341

■ 1.1987, 2.6754,
0.3654

■ 55.5768, 73.5178,
49.2287

■ 0.1053, 0.9647,
0.0000

■ 74.5982, 96.6605,
67.7497

■ 0.0000, 0.0000,
0.0000

■ 97.5290, 124.2120,
90.4156

124.7344,

156.5566, 117.6449

156.5799,
194.0788, 149.8561

■ 11.2775, 17.3468,
8.2227

■ 11.2775, 17.3468,
8.2227

■ 10.1236, 16.7931,
6.3350

■ 12.7169, 18.0387,
10.5768

■ 9.2352, 16.3663,
4.8817

■ 14.4577, 18.8750,
13.4242

■ 8.5913, 16.0570,
3.8286


■ 16.5162, 19.8638,
16.7913


■ 8.1677, 15.8535,
3.1357


■ 18.9071, 21.0122,
20.7019


■ 7.9136, 15.7315,
2.7200


■ 21.6442, 22.3270,
25.1788

 7.8506, 15.7012,
2.6170

 24.7404, 23.8142,
30.2431

 28.2081, 25.4800,
35.9151

 32.0591, 27.3298,
42.2140

 36.3046, 29.3691,
49.1582

Harmonies

Analogous

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



13.9334, 17.3468, 4.9907



11.2775, 17.3468, 8.2227



10.0754, 17.3468, 15.6367

Triad

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



11.2775, 17.3468, 8.2227



15.3095, 17.3468, 49.4773



24.6414, 17.3468, 12.1649

Complementary

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



11.2775, 17.3468, 8.2227



15.0833, 10.3866, 21.9791

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.



25.1675, 17.3468, 22.5607



11.2775, 17.3468, 8.2227



19.3364, 17.3468, 47.3341

Square

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



11.2775, 17.3468, 8.2227



12.1465, 17.3468, 41.2368



23.0966, 17.3468, 36.1951



21.7564, 17.3468, 6.5542

Rectangle

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



11.2775, 17.3468, 8.2227



10.1033, 17.3468, 23.2757



23.0966, 17.3468, 36.1951



25.1162, 17.3468, 15.0891

Sweetspot

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



11.2779, 17.3475, 8.2231



30.7797, 36.1484, 32.0376



17.9477, 20.7859, 8.5350



6.7972, 8.1005, 6.9740



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.



11.2779, 17.3475, 8.2231



17.9400, 29.9809, 11.0360



12.4629, 17.8215, 14.4628



4.2760, 4.8187, 4.6249



7.6541, 15.3082, 2.5515



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.0833, 10.3866, 21.9791



25.6493, 15.8786, 38.9042



13.3491, 9.6929, 12.8471



4.4982, 4.4124, 5.4278



12.6903, 6.0958, 20.7565



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.2775, 17.3468, 8.2227 looks on a white background.

Color Contrast Check

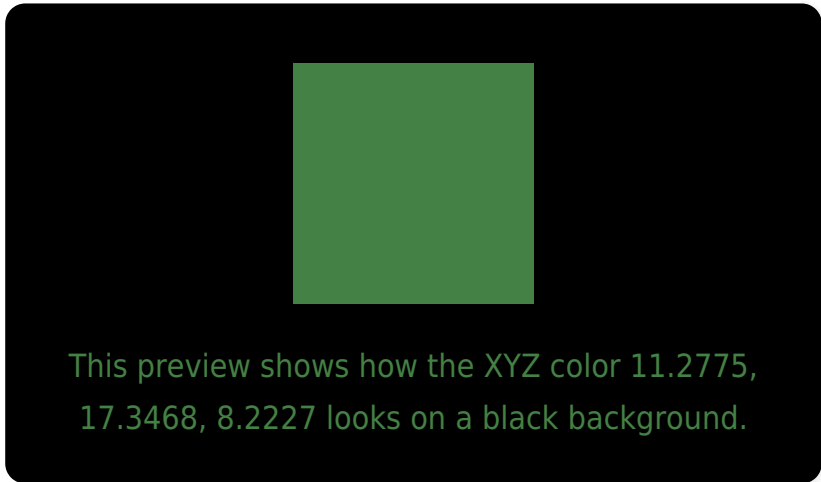
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.2775, 17.3468, 8.2227

Background



This preview shows how black text looks on a background with the XYZ color 11.2775, 17.3468, 8.2227.



This preview shows how white text looks on a background with the XYZ color 11.2775, 17.3468,

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

11.2775, 17.3468, 8.2227

Protanopia

15.7803, 17.1324, 7.1778

Deuteranopia

17.4260, 17.1219, 8.6897



Tritanopia

14.5177, 17.3343, 24.4105

Trichromacy



Original Color

11.2775, 17.3468, 8.2227

Protanomaly

13.6145, 16.8788, 7.5414

Deuteranomaly

14.3087, 16.6882, 8.4282

Tritanomaly

13.0744, 17.3079, 17.1197

Monochromacy



Original Color

11.2775, 17.3468, 8.2227

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

12.1078, 14.7897, 12.1141

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2775, 17.3468, 8.2227 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(68, 129, 68)` looks like.

```
.text, #text, p{  
    color:rgb(68, 129, 68)  
}
```

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(68, 129, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 129, 68) }
```

Border

The CSS property to change the border of an element to XYZ 11.2775, 17.3468, 8.2227 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(68, 129, 68) }
```


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

```
.border{ border-color:rgb(68, 129, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 129, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 129, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 129, 68);  
box-shadow:4px 4px 4px 4px rgb(68, 129,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2775, 17.3468, 8.2227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 129, 68) }
```

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

```
.background{ background-color: rgb(68, 129,  
68) }
```

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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