

Converting Colors

XYZ(13.2645, 17.4607, 11.2169)

Have a look what the booklet for
XYZ(13.2645, 17.4607, 11.2169)
contains.

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Color

**XYZ(13.2877, 17.5473,
11.2810)**

Conversions

Conversions Part 1

Format	Color
Hex	5B7D55
RGB	91, 125, 85
RGB Percent	36%, 49%, 33%
CMY	0.6431, 0.5098, 0.6667
CMYK	0.27, 0.00, 0.32, 0.51
HSL	111°, 19%, 41%
HSV	111°, 32%, 49%
XYZ	13.2877, 17.5473, 11.2810
YIQ	110.2740, -7.4240, -19.6480

Conversions

Conversions Part 2

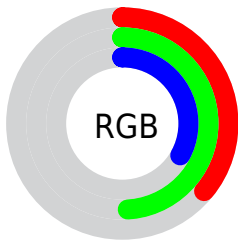
Format	Color
R_{YB}	85, 125, 119
Decimal	5995861
CIE Lab	48.94, -20.42, 18.03
CIE LCh	49, 27.246, 138.552
Yxy	17.5473, 0.3155, 0.4166
Android (android.graphics.Color)	4284185941 (0xFF5B7D55)
YUV	110.2740, -12.4601, -16.9033
Hunter-Lab	41.8895, -16.6849, 13.3556

Details

The XYZ color **13.2877, 17.5473, 11.2810** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **14.5588, 11.9002, 20.9327**, and the grayscale version is **14.9364, 15.7142, 17.1128**.

A 20% lighter version of the original color is **31.4489, 39.3408, 28.8577**, and **3.9469, 5.8290, 2.8365** is the 20% darker color. If you saturate the color by 10%, you get **11.8601, 16.8643, 8.8470**, and if you desaturate by 10%, it is **14.9523, 18.3434, 14.1849**.

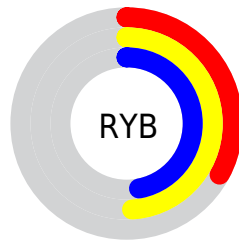
Distribution



Red (36%)

Green (49%)

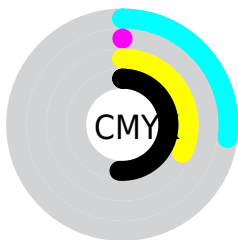
Blue (33%)



Red (33%)

Yellow (49%)

Blue (47%)

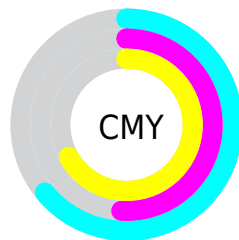


Cyan (27%)

Magenta (0%)

Yellow (32%)

Black (51%)



Cyan (64%)


Magenta (51%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.2877, 17.5473, 11.2810 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 13.2877, 17.5473, 11.2810 by changing the saturation by 10% instead.


 13.2877, 17.5473,
11.2810


 13.2877, 17.5473,
11.2810


206.3539,
238.3069, 210.3915


 7.7053, 10.6255,
6.1396


 31.4166, 39.2644,
28.8232


 3.9572, 5.8156,
2.8600

 44.6939, 54.8285,
42.0611


 1.6779, 2.7333,
1.0236

 61.2668, 74.0421,
58.8349

 0.4424, 0.9941,
0.0000

 81.5008, 97.2896,
79.5631

 0.0000, 0.0000,
0.0000

 105.7611,
124.9554, 104.6644

134.4131,

157.4240, 134.5572

167.8223,
195.0797, 169.6600

■ 13.2877, 17.5473,
11.2810

■ 13.2877, 17.5473,
11.2810

■ 11.8601, 16.8643,
8.8470

■ 14.9523, 18.3434,
14.1849

■ 10.6573, 16.2870,
6.8571

■ 16.8627, 19.2551,
17.5803

■ 9.6682, 15.8109,
5.2848


■ 19.0289, 20.2875,
21.4889


■ 8.8799, 15.4299,
4.1004


■ 21.4598, 21.4449,
25.9309


■ 8.2783, 15.1375,
3.2701


■ 24.1641, 22.7313,
30.9251


 7.8473, 14.9263,
2.7546

 27.1499, 24.1505,
36.4897

 7.5976, 14.8039,
2.4570

 30.4251, 25.7061,
42.6420

 33.9972, 27.4017,
49.3983

 37.8734, 29.2408,
56.7746

Harmonies

Analogous

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



15.1762, 17.5473, 8.6993



13.2877, 17.5473, 11.2810



12.3460, 17.5473, 16.4693

Triad

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



13.2877, 17.5473, 11.2810



15.7302, 17.5473, 36.2950



21.7342, 17.5473, 15.0032

Complementary

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



13.2877, 17.5473, 11.2810



14.5588, 11.9002, 20.9327

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.



21.9211, 17.5473, 22.0101



13.2877, 17.5473, 11.2810



18.2761, 17.5473, 35.6133

Square

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



13.2877, 17.5473, 11.2810



13.6578, 17.5473, 31.5829



20.6013, 17.5473, 29.9051



20.1140, 17.5473, 10.4426

Rectangle

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



13.2877, 17.5473, 11.2810



12.3110, 17.5473, 21.2560



20.6013, 17.5473, 29.9051



21.9724, 17.5473, 17.1061

Sweetspot

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



13.2882, 17.5480, 11.2814



30.8440, 34.7887, 32.6437



16.6948, 18.2104, 11.2297



6.9193, 7.8671, 7.2519



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



13.2882, 17.5480, 11.2814



21.9815, 30.5548, 17.0984



13.3327, 17.5002, 14.4801



4.3315, 4.8473, 4.6275



7.9250, 15.4479, 2.5640



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.5588, 11.9002, 20.9327



24.6077, 18.8549, 37.0867



14.5759, 12.0052, 16.5886



4.4368, 4.3808, 5.4250



10.0941, 4.7574, 20.6362



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.2877, 17.5473, 11.2810 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



This preview shows how the XYZ color 13.2877, 17.5473, 11.2810 looks on a 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 13.2877, 17.5473, 11.2810

Background



This preview shows how black text looks on a background with the XYZ color 13.2877, 17.5473, 11.2810.



This preview shows how white text looks on a background with the XYZ color 13.2877, 17.5473,

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

13.2877, 17.5473, 11.2810

Protanopia

16.1880, 17.4448, 10.2986

Deuteranopia

17.5992, 17.3077, 11.6457



Tritanopia

15.7049, 17.4313, 23.3057

Trichromacy



Original Color

13.2877, 17.5473, 11.2810

Protanomaly

14.9299, 17.3136, 10.5376

Deuteranomaly

15.7114, 17.1720, 11.5033

Tritanomaly

14.6419, 17.3538, 18.2007

Monochromacy



Original Color

13.2877, 17.5473, 11.2810

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.0732, 16.0846, 14.6748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.2877, 17.5473, 11.2810 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(91, 125, 85)` looks like.

```
.text, #text, p{  
    color:rgb(91, 125, 85)  
}
```

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(91, 125, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 125, 85) }
```

Border

The CSS property to change the border of an element to XYZ 13.2877, 17.5473, 11.2810 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(91, 125, 85) }
```


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

```
.border{ border-color:rgb(91, 125, 85) }
```

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

Here you see how a box with a 4 pixel rgb(91, 125, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 125, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 125, 85);  
box-shadow:4px 4px 4px 4px rgb(91, 125,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 13.2877, 17.5473, 11.2810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 125, 85) }
```

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

```
.background{ background-color: rgb(91, 125,  
85) }
```

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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