

Converting Colors

XYZ(13.2392, 17.4577, 14.2248)

Have a look what the booklet for
XYZ(13.2392, 17.4577, 14.2248)
contains.

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Color

**XYZ(13.2845, 17.4804,
14.2292)**

Conversions

Conversions Part 1

Format	Color
Hex	557D62
RGB	85, 125, 98
RGB Percent	33%, 49%, 38%
CMY	0.6667, 0.5098, 0.6157
CMYK	0.32, 0.00, 0.22, 0.51
HSL	140°, 19%, 41%
HSV	140°, 32%, 49%
XYZ	13.2845, 17.4804, 14.2292
YIQ	109.9620, -15.1730, -16.8770

Conversions

Conversions Part 2

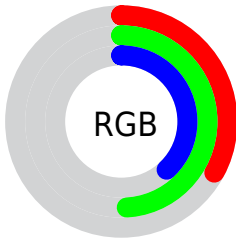
Format	Color
R_{YB}	85, 115, 125
Decimal	5602658
CIE _{Lab}	48.86, -20.09, 10.33
CIE _{LCh}	49, 22.589, 152.776
Yxy	17.4804, 0.2952, 0.3885
Android (android.graphics.Color)	4283792738 (0xFF557D62)
YUV	109.9620, -5.8973, -21.8917
Hunter-Lab	41.8096, -16.4505, 9.0883

Details

The XYZ color **13.2845, 17.4804, 14.2292** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **14.6311, 12.0271, 16.8801**, and the grayscale version is **14.8300, 15.6023, 16.9909**.

A 20% lighter version of the original color is **31.4986, 39.2450, 34.3487**, and **3.9449, 5.8012, 4.0438** is the 20% darker color. If you saturate the color by 10%, you get **11.8708, 16.7957, 12.1920**, and if you desaturate by 10%, it is **14.9416, 18.2867, 16.4978**.

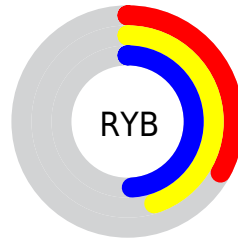
Distribution



Red (33%)

Green (49%)

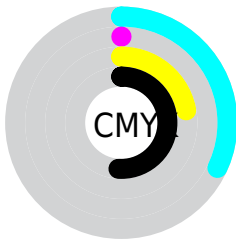
Blue (38%)



Red (33%)

Yellow (45%)

Blue (49%)

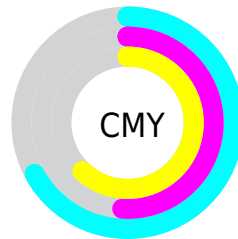


Cyan (32%)

Magenta (0%)

Yellow (22%)

Black (51%)



Cyan (67%)


Magenta (51%)

Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.2845, 17.4804, 14.2292 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 13.2845, 17.4804, 14.2292 by changing the saturation by 10% instead.


 13.2845, 17.4804,
14.2292


 13.2845, 17.4804,
14.2292


206.3340,
237.9258, 230.1299


 7.7031, 10.5776,
8.1397


 31.4109, 39.1499,
34.2181


 3.9558, 5.7836,
4.0954


 44.6867, 54.6854,
48.9546


 1.6771, 2.7139,
1.6778

 61.2579, 73.8673,
67.4105

 0.4419, 0.9843,
0.3455

 81.4900, 97.0799,
90.0043

 0.0000, 0.0000,
0.0000

 105.7483,
124.7077, 117.1546

134.3982,

157.1350, 149.2800

167.8049,
194.7462, 186.7989

■ 13.2845, 17.4804,
14.2292

■ 13.2845, 17.4804,
14.2292

■ 11.8708, 16.7957,
12.1920

■ 14.9416, 18.2867,
16.4978

■ 10.6874, 16.2246,
10.3778

■ 16.8519, 19.2180,
19.0037

■ 9.7217, 15.7611,
8.7791

■ 19.0260, 20.2801,
21.7538

■ 8.9597, 15.3983,
7.3879

■ 21.4737, 21.4781,
24.7547

■ 8.3852, 15.1280,
6.1955

■ 24.2044, 22.8165,
28.0125

■ 7.9798, 14.9408,
5.1925

■ 27.2266, 24.2998,
31.5332

■ 7.7277, 14.8255,
4.5181

■ 30.5490, 25.9321,
35.3225

■ 34.1795, 27.7175,
39.3860

■ 38.1259, 29.6599,
43.7291

Harmonies

Analogous

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



14.5283, 17.4804, 10.8892



13.2845, 17.4804, 14.2292



12.9079, 17.4804, 19.5972

Triad

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



13.2845, 17.4804, 14.2292



16.8104, 17.4804, 33.0345



20.2361, 17.4804, 13.4471

Complementary

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



13.2845, 17.4804, 14.2292



14.6311, 12.0271, 16.8801

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.



20.9706, 17.4804, 18.4801



13.2845, 17.4804, 14.2292



18.8916, 17.4804, 30.4714

Square

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



13.2845, 17.4804, 14.2292



14.8394, 17.4804, 31.2422



20.4593, 17.4804, 24.8124



18.5260, 17.4804, 10.5088

Rectangle

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



13.2845, 17.4804, 14.2292



13.1710, 17.4804, 23.8566



20.4593, 17.4804, 24.8124



20.6115, 17.4804, 14.9081

Sweetspot

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



13.2850, 17.4811, 14.2296



30.8264, 34.7305, 34.8638



15.6985, 18.7906, 11.3939



6.9151, 7.8527, 7.8061



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.



13.2850, 17.4811, 14.2296



21.9922, 30.4316, 22.9133



14.3307, 17.8994, 19.7362



4.3292, 4.8400, 4.9047



8.0620, 15.4714, 4.6995



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.6311, 12.0271, 16.8801



24.7781, 19.1353, 28.3918



13.6528, 11.6358, 11.7283



4.4406, 4.3894, 5.1244



10.5093, 5.2234, 9.2715



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.2845, 17.4804, 14.2292 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 13.2845, 17.4804, 14.2292 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 13.2845, 17.4804, 14.2292

Background



This preview shows how black text looks on a background with the XYZ color 13.2845, 17.4804, 14.2292.



This preview shows how white text looks on a background with the XYZ color 13.2845, 17.4804,

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

13.2845, 17.4804, 14.2292

Protanopia

16.2749, 17.2627, 12.8302

Deuteranopia

17.5491, 17.2140, 14.7096



Tritanopia

15.2803, 17.5618, 23.7035

Trichromacy



Original Color

13.2845, 17.4804, 14.2292

Protanomaly

14.9691, 17.2711, 13.3712

Deuteranomaly

15.6159, 17.0557, 14.5256

Tritanomaly

14.3494, 17.3509, 19.7323

Monochromacy



Original Color

13.2845, 17.4804, 14.2292

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.0991, 16.0688, 15.9942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.2845, 17.4804, 14.2292 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, 125, 98)` looks like.

```
.text, #text, p{  
    color:rgb(85, 125, 98)  
}
```

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, 125, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 125, 98) }
```

Border

The CSS property to change the border of an element to XYZ 13.2845, 17.4804, 14.2292 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, 125, 98) }
```


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

```
.border{ border-color:rgb(85, 125, 98) }
```

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

Here you see how a box with a 4 pixel rgb(85, 125, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 125, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 125, 98);  
box-shadow:4px 4px 4px 4px rgb(85, 125,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 13.2845, 17.4804, 14.2292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 125, 98) }
```

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

```
.background{ background-color: rgb(85, 125,  
98) }
```

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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