

Converting Colors

XYZ(13.9596, 17.7825, 16.3323)

Have a look what the booklet for
XYZ(13.9596, 17.7825, 16.3323)
contains.

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Color

**XYZ(13.9596, 17.7825,
16.3323)**

Conversions

Conversions Part 1

Format	Color
Hex	587D6A
RGB	88, 125, 106
RGB Percent	35%, 49%, 42%
CMY	0.6549, 0.5098, 0.5843
CMYK	0.30, 0.00, 0.15, 0.51
HSL	149°, 17%, 42%
HSV	149°, 30%, 49%
XYZ	13.9596, 17.7825, 16.3323
YIQ	111.7710, -15.9530, -13.7530

Conversions

Conversions Part 2

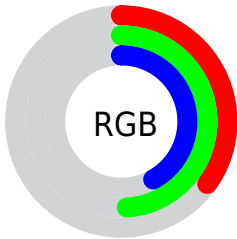
Format	Color
R_YB	88, 113, 125
Decimal	5799274
CIE _{Lab}	49.23, -17.37, 6.20
CIE _{LCh}	49, 18.439, 160.345
Yxy	17.7825, 0.2904, 0.3699
Android (android.graphics.Color)	4283989354 (0xFF587D6A)
YUV	111.7710, -2.8451, -20.8472
Hunter-Lab	42.1693, -14.7062, 6.5553

Details

The XYZ color **13.9596, 17.7825, 16.3323** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **14.6016, 12.4013, 15.5347**, and the grayscale version is **15.3458, 16.1449, 17.5818**.

A 20% lighter version of the original color is **32.6537, 39.7641, 37.8525**, and **4.2883, 5.9561, 5.0613** is the 20% darker color. If you saturate the color by 10%, you get **12.5550, 17.0960, 14.5889**, and if you desaturate by 10%, it is **15.5932, 18.5851, 18.2177**.

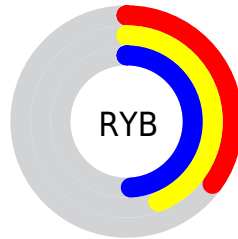
Distribution



Red (35%)

Green (49%)

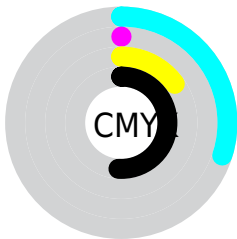
Blue (42%)



Red (35%)

Yellow (44%)

Blue (49%)

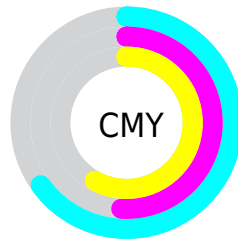


Cyan (30%)

Magenta (0%)

Yellow (15%)

Black (51%)



Cyan (65%)

Magenta (51%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9596, 17.7825, 16.3323 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 13.9596, 17.7825, 16.3323 by changing the saturation by 10% instead.

■ 13.9596, 17.7825,
16.3323

■ 13.9596, 17.7825,
16.3323

210.4950,
239.6422, 243.2069

■ 8.1741, 10.7939,
9.6027

■ 32.6042, 39.6664,
37.9489

■ 4.2593, 5.9285,
5.0342

■ 46.1940, 55.3305,
53.6730

■ 1.8498, 2.8016,
2.2083

■ 63.1159, 74.6552,
73.2324

■ 0.5474, 1.0291,
0.6791

■ 83.7353, 98.0250,
97.0456

■ 0.0000, 0.0000,
0.0000

■ 108.4176,
125.8242, 125.5311

137.5280,

158.4372, 159.1074

171.4321,
196.2484, 198.1932

■ 13.9596, 17.7825,
16.3323

■ 13.9596, 17.7825,
16.3323

■ 12.5550, 17.0960,
14.5889

■ 15.5932, 18.5851,
18.2177

■ 11.3668, 16.5178,
12.9829

■ 17.4643, 19.5067,
20.2470

■ 10.3839, 16.0427,
11.5112

■ 19.5830, 20.5530,
22.4238

■ 9.5932, 15.6639,
10.1702

■ 21.9583, 21.7284,
24.7511

■ 8.9801, 15.3741,
8.9560

■ 24.5987, 23.0374,
27.2319

■ 8.5277, 15.1645,
7.8645

■ 27.5123, 24.4841,
29.8689

■ 8.1843, 15.0087,
6.8899

■ 30.7068, 26.0724,
32.6648

■ 8.1711, 15.0027,
6.8533

■ 34.1898, 27.8060,
35.6225

■ 37.9684, 29.6888,
38.7445

Harmonies

Analogous

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



14.8391, 17.7825, 12.9730



13.9596, 17.7825, 16.3323



13.8370, 17.7825, 21.1232

Triad

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



13.9596, 17.7825, 16.3323



17.5059, 17.7825, 30.3230



19.5649, 17.7825, 13.8280

Complementary

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



13.9596, 17.7825, 16.3323



14.6016, 12.4013, 15.5347

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.



20.3886, 17.7825, 17.7018



13.9596, 17.7825, 16.3323



19.1472, 17.7825, 27.5652

Square

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



13.9596, 17.7825, 16.3323



15.8078, 17.7825, 29.7867



20.2307, 17.7825, 22.7452



18.0451, 17.7825, 11.7071

Rectangle

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



13.9596, 17.7825, 16.3323



14.1914, 17.7825, 24.5830



20.2307, 17.7825, 22.7452



19.9369, 17.7825, 14.9383

Sweetspot

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



13.9601, 17.7832, 16.3327



31.4101, 34.9979, 36.4003



15.1731, 18.5056, 12.0049



7.0457, 7.9119, 8.1752



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.



13.9601, 17.7832, 16.3327



23.1295, 30.9297, 26.9518



15.0211, 18.2076, 21.9197



4.3564, 4.8509, 5.0480



8.5243, 15.6563, 7.1337



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.6016, 12.4013, 15.5347



24.4872, 19.5373, 25.2617



13.7348, 12.0546, 10.9701



4.4127, 4.3782, 4.9779



9.7950, 4.9377, 5.5103



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.9596, 17.7825, 16.3323 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 13.9596, 17.7825, 16.3323 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 13.9596, 17.7825, 16.3323

Background



This preview shows how black text looks on a background with the XYZ color 13.9596, 17.7825, 16.3323.

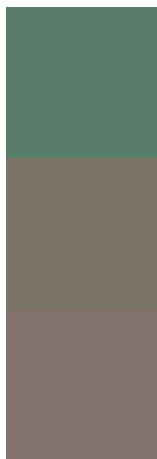


This preview shows how white text looks on a background with the XYZ color 13.9596, 17.7825,

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

13.9596, 17.7825, 16.3323

Protanopia

16.6697, 17.5877, 15.0865

Deuteranopia

18.0255, 17.7397, 16.9421



Tritanopia

15.4483, 17.6406, 24.0635

Trichromacy



Original Color

13.9596, 17.7825, 16.3323

Protanomaly

15.4754, 17.4879, 15.3918

Deuteranomaly

16.1383, 17.4501, 16.7050

Tritanomaly

14.7868, 17.5484, 21.0202

Monochromacy



Original Color

13.9596, 17.7825, 16.3323

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.7693, 16.7319, 17.2030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9596, 17.7825, 16.3323 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(88, 125, 106)` looks like.

```
.text, #text, p{  
  color:rgb(88, 125, 106)  
}
```

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(88, 125, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 125, 106) }
```

Border

The CSS property to change the border of an element to XYZ 13.9596, 17.7825, 16.3323 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(88, 125, 106) }
```


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

```
.border{ border-color:rgb(88, 125, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 125, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 125, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 125, 106);  
box-shadow:4px 4px 4px 4px rgb(88, 125,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9596, 17.7825, 16.3323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 125, 106) }
```

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

```
.background{ background-color: rgb(88, 125,  
106) }
```

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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