

Converting Colors

XYZ(13.9282, 16.4241, 15.7318)

Have a look what the booklet for
XYZ(13.9282, 16.4241, 15.7318)
contains.

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Color

**XYZ(13.9580, 16.5182,
15.8173)**

Conversions

Conversions Part 1

Format	Color
Hex	617669
RGB	97, 118, 105
RGB Percent	38%, 46%, 41%
CMY	0.6196, 0.5372, 0.5882
CMYK	0.18, 0.00, 0.11, 0.54
HSL	143°, 10%, 42%
HSV	143°, 18%, 46%
XYZ	13.9580, 16.5182, 15.8173
YIQ	110.2390, -8.3430, -8.4950

Conversions

Conversions Part 2

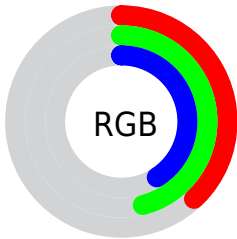
Format	Color
R_{YB}	97, 112, 118
Decimal	6387305
CIE Lab	47.65, -10.55, 4.60
CIE LCh	48, 11.507, 156.437
Yxy	16.5182, 0.3015, 0.3568
Android (android.graphics.Color)	4284577385 (0xFF617669)
YUV	110.2390, -2.5828, -11.6106
Hunter-Lab	40.6426, -9.8218, 5.3753

Details

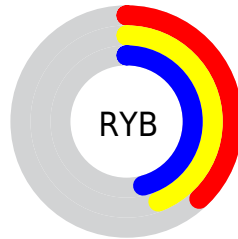
The XYZ color **13.9580, 16.5182, 15.8173** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.5610, 13.5271, 16.5961**, and the grayscale version is **14.8989, 15.6748, 17.0699**.

A 20% lighter version of the original color is **32.5882, 37.4457, 36.9626**, and **4.2693, 5.3639, 4.8133** is the 20% darker color. If you saturate the color by 10%, you get **12.4336, 15.7743, 13.8696**, and if you desaturate by 10%, it is **15.7027, 17.3728, 17.9445**.

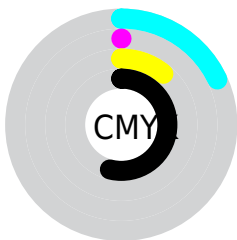
Distribution



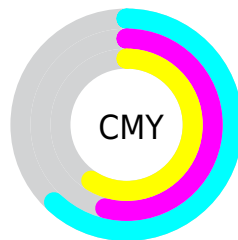
- Red (38%)
- Green (46%)
- Blue (41%)



- Red (38%)
- Yellow (44%)
- Blue (46%)



- Cyan (18%)
- Magenta (0%)
- Yellow (11%)
- Black (54%)



- Cyan (62%)
- Magenta (54%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9580, 16.5182, 15.8173 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 13.9580, 16.5182, 15.8173 by changing the saturation by 10% instead.

■ 13.9580, 16.5182,
15.8173

■ 13.9580, 16.5182,
15.8173

210.4852,
232.3804, 240.0700

■ 8.1730, 9.8916,
9.2420

■ 32.6014, 37.4955,
37.0431

■ 4.2586, 5.3271,
4.8004

■ 46.1904, 52.6150,
52.5307

■ 1.8494, 2.4405,
2.0740

■ 63.1115, 71.3342,
71.8261

■ 0.5472, 0.8466,
0.6002

■ 83.7300, 94.0376,
95.3480

■ 0.0000, 0.0000,
0.0000

108.4113,
121.1095, 123.5147

137.5207,

152.9344, 156.7450

171.4235,
189.8965, 195.4572

■ 13.9580, 16.5182,
15.8173

■ 13.9580, 16.5182,
15.8173

■ 12.4336, 15.7743,
13.8696

■ 15.7027, 17.3728,
17.9445

■ 11.1190, 15.1345,
12.0955

■ 17.6748, 18.3404,
20.2544

■ 10.0050, 14.5946,
10.4907

■ 19.8827, 19.4256,
22.7518

■ 9.0812, 14.1493,
9.0500

■ 22.3342, 20.6324,
25.4407

■ 8.3360, 13.7928,
7.7681

■ 25.0365, 21.9645,
28.3253

■ 7.7568, 13.5185,
6.6395

■ 27.9966, 23.4252,
31.4095

■ 7.3288, 13.3192,
5.6580

■ 31.2211, 25.0182,
34.6969

■ 7.0155, 13.1760,
4.8165

■ 34.7167, 26.7464,
38.1913

■ 6.9515, 13.1466,
4.6489

■ 38.4894, 28.6132,
41.8963

Harmonies

Analogous

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



14.5557, 16.5182, 13.8070



13.9580, 16.5182, 15.8173



13.8177, 16.5182, 18.6273

Triad

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



13.9580, 16.5182, 15.8173



15.9226, 16.5182, 24.2136



17.3436, 16.5182, 14.8301

Complementary

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



13.9580, 16.5182, 15.8173



14.5610, 13.5271, 16.5961

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.



17.7460, 16.5182, 17.3587



13.9580, 16.5182, 15.8173



16.9028, 16.5182, 22.9319

Square

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



13.9580, 16.5182, 15.8173



14.9235, 16.5182, 23.6858



17.5813, 16.5182, 20.3433



16.5031, 16.5182, 13.2820

Rectangle

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



13.9580, 16.5182, 15.8173



13.9968, 16.5182, 20.6238



17.5813, 16.5182, 20.3433



17.5362, 16.5182, 15.5824

Sweetspot

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



13.9585, 16.5189, 15.8177



28.4963, 30.9805, 32.6046



15.1045, 17.1550, 13.8246



6.5094, 7.1021, 7.4462



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.



13.9585, 16.5189, 15.8177



23.4994, 28.5345, 26.4991



14.5148, 16.7414, 18.7472



3.6930, 4.1192, 4.2173



7.5143, 14.2197, 4.9986



36.2290, 69.1389, 22.3087

Inverse Universe

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



14.5610, 13.5271, 16.5961



24.7484, 22.3314, 28.1120



14.0370, 13.3175, 13.8368



3.7703, 3.7354, 4.3172



9.3795, 4.6855, 7.2064



45.2801, 22.6622, 32.8683

Previews

White Background



This preview shows how the XYZ color 13.9580, 16.5182, 15.8173 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 13.9580, 16.5182, 15.8173 looks on a 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

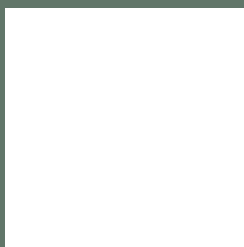
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.9580, 16.5182, 15.8173

Background



This preview shows how black text looks on a background with the XYZ color 13.9580, 16.5182, 15.8173.

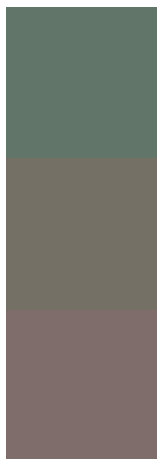


This preview shows how white text looks on a background with the XYZ color 13.9580, 16.5182, 15.8173.

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

13.9580, 16.5182, 15.8173

Protanopia

15.5286, 16.3296, 14.9038

Deuteranopia

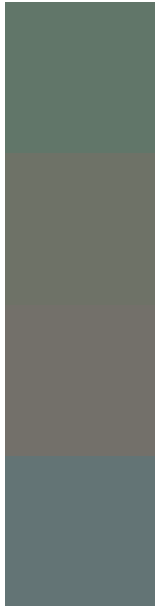
16.7267, 16.4344, 16.2005



Tritanopia

15.0244, 16.4260, 21.4475

Trichromacy



Original Color

13.9580, 16.5182, 15.8173

Protanomaly

14.8959, 16.3289, 15.1987

Deuteranomaly

15.4659, 16.2738, 15.9617

Tritanomaly

14.6019, 16.4278, 19.2309

Monochromacy



Original Color

13.9580, 16.5182, 15.8173

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.4376, 15.8962, 16.4947

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9580, 16.5182, 15.8173 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(97, 118, 105) looks like.

```
.text, #text, p{  
    color:rgb(97, 118, 105)  
}
```

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(97, 118, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 118, 105) }
```

Border

The CSS property to change the border of an element to XYZ 13.9580, 16.5182, 15.8173 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(97, 118, 105) }
```


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

```
.border{ border-color:rgb(97, 118, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 118, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 118, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 118, 105);  
box-shadow:4px 4px 4px 4px rgb(97, 118,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9580, 16.5182, 15.8173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 118, 105) }
```

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

```
.background{ background-color: rgb(97, 118,  
105) }
```

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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