

Converting Colors

XYZ(10.5016, 17.5332, 14.1982)

Have a look what the booklet for
XYZ(10.5016, 17.5332, 14.1982)
contains.

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Color

**XYZ(10.5452, 17.6381,
14.1580)**

Conversions

Conversions Part 1

Format	Color
Hex	008561
RGB	0, 133, 97
RGB Percent	0%, 52%, 38%
CMY	1.0000, 0.4784, 0.6196
CMYK	1.00, 0.00, 0.27, 0.48
HSL	164°, 100%, 26%
HSV	164°, 100%, 52%
XYZ	10.5452, 17.6381, 14.1580
YIQ	89.1290, -67.7120, -39.3920

Conversions

Conversions Part 2

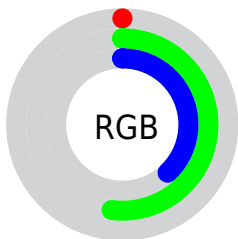
Format	Color
RYB	0, 77, 133
Decimal	34145
CIELab	49.05, -40.15, 10.84
CIELCh	49, 41.587, 164.892
Yxy	17.6381, 0.2491, 0.4166
Android (android.graphics.Color)	4278224225 (0xFF008561)
YUV	89.1290, 3.8804, -78.1661
Hunter-Lab	41.9977, -28.6765, 9.4110

Details

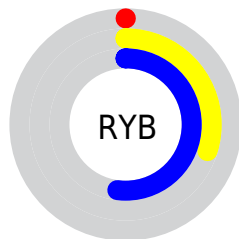
The XYZ color **10.5452, 17.6381, 14.1580** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9.9919, 5.1144, 2.1305**, and the grayscale version is **9.5274, 10.0235, 10.9156**.

A 20% lighter version of the original color is **26.5090, 39.4281, 34.2302**, and **3.6148, 6.2736, 4.1524** is the 20% darker color. If you saturate the color by 10%, you get **10.5454, 17.6387, 14.1577**, and if you desaturate by 10%, it is **10.8879, 17.7954, 15.0709**.

Distribution



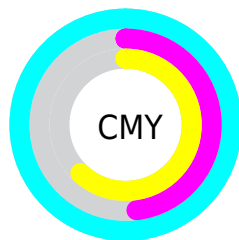
- Red (0%)
- Green (52%)
- Blue (38%)



- Red (0%)
- Yellow (30%)
- Blue (52%)



- Cyan (100%)
- Magenta (0%)
- Yellow (27%)
- Black (48%)



- Cyan (100%)
- Magenta (48%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.5452, 17.6381, 14.1580 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 10.5452, 17.6381, 14.1580 by changing the saturation by 10% instead.

■ 10.5452, 17.6381,
14.1580

■ 10.5452, 17.6381,
14.1580

188.4936,
238.8232, 229.6741

■ 5.8269, 10.6905,
8.0906

■ 26.4565, 39.4197,
34.0903

■ 2.7798, 5.8591,
4.0644

■ 38.3803, 55.0224,
48.7922

■ 1.0384, 2.7596,
1.6607

■ 53.4366, 74.2790,
67.2095

■ 0.0000, 1.0076,
0.3336

■ 71.9908, 97.5738,
89.7606

■ 0.0000, 0.0000,
0.0000

■ 94.4082, 125.2913,
116.8641

■ 121.0543,

157.8157, 148.9384

152.2943,
195.5316, 186.4023

■ 10.5452, 17.6381,
14.1580

■ 10.5452, 17.6381,
14.1580

■ 10.5454, 17.6387,
14.1577

■ 10.8879, 17.7954,
15.0709

■ 11.3386, 18.0070,
16.0287

■ 11.9557, 18.3035,
17.0351

■ 12.7586, 18.6948,
18.0915

■ 13.7639, 19.1896,
19.1991

■ 14.9862, 19.7953,
20.3592

■ 16.4388, 20.5188,
21.5727

■ 18.1340, 21.3664,
22.8408

■ 20.0831, 22.3439,
24.1644

Harmonies

Analogous

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



12.0319, 17.6381, 7.6985



10.5452, 17.6381, 14.1580



10.5399, 17.6381, 25.2348

Triad

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



10.5452, 17.6381, 14.1580



18.7555, 17.6381, 48.1300



22.6233, 17.6381, 7.7293

Complementary

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



10.5452, 17.6381, 14.1580



9.9919, 5.1144, 2.1305

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.



25.0554, 17.6381, 14.2213



10.5452, 17.6381, 14.1580



22.5991, 17.6381, 38.6614

Square

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



10.5452, 17.6381, 14.1580



14.8946, 17.6381, 48.0917



25.0459, 17.6381, 25.3278



18.7846, 17.6381, 5.0828

Rectangle

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



10.5452, 17.6381, 14.1580



11.3605, 17.6381, 34.1997



25.0459, 17.6381, 25.3278



23.6569, 17.6381, 9.3936

Sweetspot

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



10.5457, 17.6388, 14.1584



29.2446, 36.6475, 38.4782



9.1759, 17.1819, 2.8331



6.3705, 8.1477, 8.4919



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



10.5457, 17.6388, 14.1584



18.8161, 31.5591, 24.9947



9.2031, 11.6319, 23.9512



4.7493, 5.2579, 5.6908



10.0478, 16.8020, 13.5033



0.0379, 0.0594, 0.0629

Inverse Universe

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



9.9919, 5.1144, 2.1305



17.8340, 9.1347, 3.5061



10.1083, 5.8569, 0.5980



4.7205, 4.7079, 5.1407



9.5200, 4.8723, 2.0448



0.0357, 0.0180, 0.0214

Previews

White Background



This preview shows how the XYZ color 10.5452, 17.6381, 14.1580 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 10.5452, 17.6381, 14.1580 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 10.5452, 17.6381, 14.1580

Background



This preview shows how black text looks on a background with the XYZ color 10.5452, 17.6381, 14.1580.



This preview shows how white text looks on a background with the XYZ color 10.5452, 17.6381,

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

10.5452, 17.6381, 14.1580

Protanopia

16.3607, 17.4971, 11.9662

Deuteranopia

17.8653, 17.5342, 15.0132



Tritanopia

13.3453, 17.8088, 26.7788

Trichromacy



Original Color

10.5452, 17.6381, 14.1580



Protanomaly

12.1157, 16.3540, 12.6433



Deuteranomaly

12.7630, 16.2843, 14.5271



Tritanomaly

12.0367, 17.6422, 21.5098

Monochromacy



Original Color

10.5452, 17.6381, 14.1580



Achromatopsia

9.4954, 9.9899, 10.8790



Achromatomaly

8.6707, 11.7457, 11.9354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.5452, 17.6381, 14.1580 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(0, 133, 97)` looks like.

```
.text, #text, p{  
    color:rgb(0, 133, 97)  
}
```

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(0, 133, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 133, 97) }
```

Border

The CSS property to change the border of an element to XYZ 10.5452, 17.6381, 14.1580 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(0, 133, 97) }
```


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

```
.border{ border-color:rgb(0, 133, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 133, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 133, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 133, 97);  
box-shadow:4px 4px 4px 4px rgb(0, 133, 97)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.5452, 17.6381, 14.1580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 133, 97) }
```

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

```
.background{ background-color: rgb(0, 133,  
97) }
```

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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