

Converting Colors

XYZ(10.1899, 16.9182, 15.7956)

Have a look what the booklet for
XYZ(10.1899, 16.9182, 15.7956)
contains.

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Color

**XYZ(10.6150, 17.2321,
15.8634)**

Conversions

Conversions Part 1

Format	Color
Hex	008368
RGB	0, 131, 104
RGB Percent	0%, 51%, 41%
CMY	1.0000, 0.4863, 0.5922
CMYK	1.00, 0.00, 0.21, 0.49
HSL	168°, 100%, 26%
HSV	168°, 100%, 51%
XYZ	10.6150, 17.2321, 15.8634
YIQ	88.7530, -69.4090, -36.1690

Conversions

Conversions Part 2

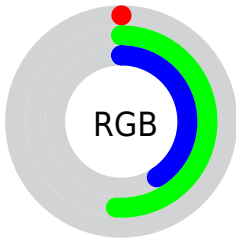
Format	Color
RYB	0, 73, 131
Decimal	33640
CIELab	48.55, -37.45, 6.06
CIELCh	49, 37.939, 170.814
Yxy	17.2321, 0.2428, 0.3942
Android (android.graphics.Color)	4278223720 (0xFF008368)
YUV	88.7530, 7.5168, -77.8364
Hunter-Lab	41.5116, -27.0007, 6.4008

Details

The XYZ color **10.6150, 17.2321, 15.8634** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9.5585, 4.9049, 1.4805**, and the grayscale version is **9.4367, 9.9282, 10.8118**.

A 20% lighter version of the original color is **26.5736, 38.7700, 37.0931**, and **3.6072, 6.0327, 4.8452** is the 20% darker color. If you saturate the color by 10%, you get **10.6153, 17.2327, 15.8633**, and if you desaturate by 10%, it is **10.9224, 17.3749, 16.6058**.

Distribution



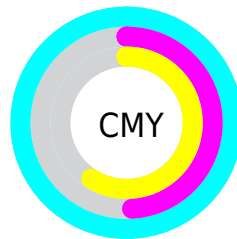
- Red (0%)
- Green (51%)
- Blue (41%)



- Red (0%)
- Yellow (29%)
- Blue (51%)



- Cyan (100%)
- Magenta (0%)
- Yellow (21%)
- Black (49%)





- Cyan (100%)
- Magenta (49%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.6150, 17.2321, 15.8634 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 10.6150, 17.2321, 15.8634 by changing the saturation by 10% instead.


 10.6150, 17.2321,
15.8634


 10.6150, 17.2321,
15.8634


188.9702,
236.5064, 240.3524


 5.8740, 10.4001,
9.2742


 26.5853, 38.7244,
37.1244


 2.8085, 5.6650,
4.8212

 38.5453, 54.1535,
52.6333


 1.0533, 2.6425,
2.0859

 53.6423, 73.2171,
71.9525

 0.0000, 0.9481,
0.6073

 72.2417, 96.2996,
95.5006

 0.0000, 0.0000,
0.0000

 94.7088, 123.7854,
123.6961

 121.4090,

156.0588, 156.9575

152.7077,
193.5044, 195.7035

■ 10.6150, 17.2321,
15.8634

■ 10.6150, 17.2321,
15.8634

■ 10.6153, 17.2327,
15.8633

■ 10.9224, 17.3749,
16.6058

■ 11.3300, 17.5684,
17.3756

■ 11.8954, 17.8428,
18.1761

■ 12.6372, 18.2075,
19.0085

■ 13.5711, 18.6707,
19.8736

■ 14.7113, 19.2398,
20.7723

■ 16.0705, 19.9213,
21.7054

■ 17.6605, 20.7212,
22.6736

■ 19.4922, 21.6451,
23.6777

Harmonies

Analogous

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



11.7151, 17.2321, 9.0630



10.6150, 17.2321, 15.8634



10.8803, 17.2321, 26.4402

Triad

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



10.6150, 17.2321, 15.8634



18.8765, 17.2321, 43.0204



20.9870, 17.2321, 7.4738

Complementary

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



10.6150, 17.2321, 15.8634



9.5585, 4.9049, 1.4805

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.



23.4733, 17.2321, 12.7372



10.6150, 17.2321, 15.8634



22.1398, 17.2321, 33.6851

Square

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



10.6150, 17.2321, 15.8634



15.3322, 17.2321, 44.7937



23.9227, 17.2321, 21.9956



17.4716, 17.2321, 5.4802

Rectangle

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



10.6150, 17.2321, 15.8634



11.8132, 17.2321, 34.3059



23.9227, 17.2321, 21.9956



21.9905, 17.2321, 8.8082

Sweetspot

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



10.6155, 17.2328, 15.8638



28.5944, 35.5814, 38.7494



8.6063, 16.4857, 2.7287



6.4442, 8.1771, 8.8798



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.



10.6155, 17.2328, 15.8638



18.9525, 30.8363, 28.1093



8.0897, 9.6243, 22.9048



4.7616, 5.2629, 5.7558



10.4497, 16.9627, 15.6195



0.0388, 0.0598, 0.0676

Inverse Universe

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



9.5585, 4.9049, 1.4805



17.0685, 8.7637, 2.3990



10.0259, 6.1564, 0.6602



4.7090, 4.7033, 5.0797



9.4092, 4.8280, 1.4612



0.0348, 0.0176, 0.0167

Previews

White Background



This preview shows how the XYZ color 10.6150, 17.2321, 15.8634 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 10.6150, 17.2321, 15.8634 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 10.6150, 17.2321, 15.8634

Background



This preview shows how black text looks on a background with the XYZ color 10.6150, 17.2321, 15.8634.



This preview shows how white text looks on a background with the XYZ color 10.6150, 17.2321,

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

10.6150, 17.2321, 15.8634

Protanopia

16.1272, 17.1709, 13.5307

Deuteranopia

17.2933, 17.0408, 16.5651



Tritanopia

12.9798, 17.4360, 26.3483

Trichromacy



Original Color

10.6150, 17.2321, 15.8634

Protanomaly

12.1501, 16.1534, 14.2819

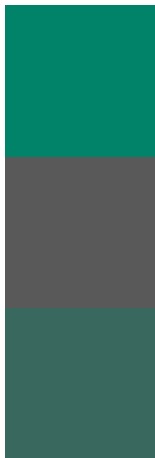
Deuteranomaly

12.5256, 15.7677, 16.2932

Tritanomaly

11.8217, 17.1257, 22.0846

Monochromacy



Original Color

10.6150, 17.2321, 15.8634

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

8.6580, 11.5786, 12.3682

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.6150, 17.2321, 15.8634 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, 131, 104)` looks like.

```
.text, #text, p{  
    color:rgb(0, 131, 104)  
}
```

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, 131, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 131, 104) }
```

Border

The CSS property to change the border of an element to XYZ 10.6150, 17.2321, 15.8634 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, 131, 104) }
```


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

```
.border{ border-color:rgb(0, 131, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 131, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 131, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 131, 104);  
box-shadow:4px 4px 4px 4px rgb(0, 131,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 10.6150, 17.2321, 15.8634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 131, 104) }
```

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

```
.background{ background-color: rgb(0, 131,  
104) }
```

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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