

Converting Colors

XYZ(10.0632, 16.8438, 11.5249)

Have a look what the booklet for
XYZ(10.0632, 16.8438, 11.5249)
contains.

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Color

**XYZ(10.0632, 16.8438,
11.5249)**

Conversions

Conversions Part 1

Format	Color
Hex	198256
RGB	25, 130, 86
RGB Percent	10%, 51%, 34%
CMY	0.9020, 0.4902, 0.6627
CMYK	0.81, 0.00, 0.34, 0.49
HSL	155°, 68%, 30%
HSV	155°, 81%, 51%
XYZ	10.0632, 16.8438, 11.5249
YIQ	93.5890, -48.4560, -35.9440

Conversions

Conversions Part 2

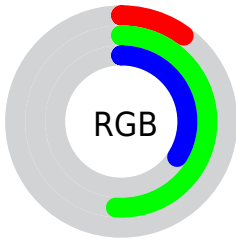
Format	Color
RYB	25, 91, 130
Decimal	1671766
CIELab	48.06, -39.59, 15.85
CIELCh	48, 42.646, 158.188
Yxy	16.8438, 0.2618, 0.4383
Android (android.graphics.Color)	4279861846 (0xFF198256)
YUV	93.5890, -3.7414, -60.1526
Hunter-Lab	41.0412, -28.0543, 12.0794

Details

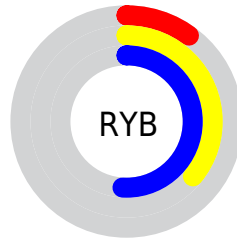
The XYZ color **10.0632, 16.8438, 11.5249** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **10.6282, 5.8710, 6.2036**, and the grayscale version is **10.5594, 11.1093, 12.0981**.

A 20% lighter version of the original color is **25.6089, 38.1333, 29.3033**, and **3.1790, 5.7452, 2.9489** is the 20% darker color. If you saturate the color by 10%, you get **9.6031, 16.6314, 10.4012**, and if you desaturate by 10%, it is **10.6901, 17.1411, 12.7446**.

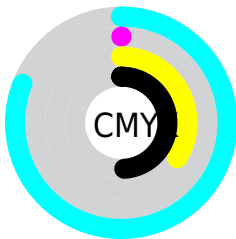
Distribution



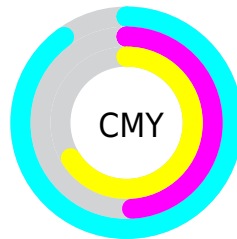
- Red (10%)
- Green (51%)
- Blue (34%)



- Red (10%)
- Yellow (36%)
- Blue (51%)



- Cyan (81%)
- Magenta (0%)
- Yellow (34%)
- Black (49%)



- Cyan (90%)
- Magenta (49%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.0632, 16.8438, 11.5249 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 10.0632, 16.8438, 11.5249 by changing the saturation by 10% instead.

■ 10.0632, 16.8438,
11.5249

■ 10.0632, 16.8438,
11.5249

185.1667,
234.2706, 212.0992

■ 5.5035, 10.1232,
6.3025

■ 25.5629, 38.0570,
29.2781

■ 2.5833, 5.4807,
2.9581

■ 37.2336, 53.3184,
42.6460

■ 0.9375, 2.5320,
1.0733

■ 52.0053, 72.1955,
59.5661

■ 0.0000, 0.8926,
0.0000

■ 70.2434, 95.0727,
80.4570

■ 0.0000, 0.0000,
0.0000

■ 92.3132, 122.3345,
105.7373

■ 118.5802,

154.3651, 135.8253

149.4096,
191.5490, 171.1398

■ 10.0632, 16.8438,
11.5249

■ 10.0632, 16.8438,
11.5249

■ 9.6031, 16.6314,
10.4012

■ 10.6901, 17.1411,
12.7446

■ 9.2710, 16.4811,
9.4437

■ 11.5011, 17.5309,
14.0617

■ 12.5128, 18.0221,
15.4793

■ 13.7394, 18.6220,
16.9998

■ 15.1938, 19.3373,
18.6255

■ 16.8878, 20.1740,
20.3586

■ 18.8325, 21.1378,
22.2013

■ 21.0380, 22.2338,
24.1556

■ 23.5142, 23.4671,
26.2235

Harmonies

Analogous

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



11.8476, 16.8438, 6.1974



10.0632, 16.8438, 11.5249



9.7327, 16.8438, 21.5349

Triad

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



10.0632, 16.8438, 11.5249



17.0893, 16.8438, 48.4265



22.5761, 16.8438, 8.0921

Complementary

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



10.0632, 16.8438, 11.5249



10.6282, 5.8710, 6.2036

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.



24.5311, 16.8438, 15.4779



10.0632, 16.8438, 11.5249



21.0472, 16.8438, 40.6170

Square

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



10.0632, 16.8438, 11.5249



13.4085, 16.8438, 45.9772



23.9307, 16.8438, 27.4200



18.9269, 16.8438, 4.8425

Rectangle

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



10.0632, 16.8438, 11.5249



10.3212, 16.8438, 30.3160



23.9307, 16.8438, 27.4200



23.4778, 16.8438, 10.0243

Sweetspot

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



10.0636, 16.8445, 11.5253



28.5627, 34.9448, 34.6771



10.7206, 17.3569, 3.7050



6.2636, 7.8101, 7.6425



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



10.0636, 16.8445, 11.5253



16.4162, 29.0667, 16.7737



11.5136, 15.9849, 23.5985



4.3726, 4.8573, 5.1331



8.8925, 15.8036, 9.0728



0.0000, 0.0000, 0.0000

Inverse Universe

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



10.6282, 5.8710, 6.2036



17.4851, 8.9546, 7.1904



9.8983, 5.8493, 1.5271



4.3967, 4.3718, 4.8935



9.4796, 4.8115, 3.8492



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 10.0632, 16.8438, 11.5249 looks on a white background.

Color Contrast Check

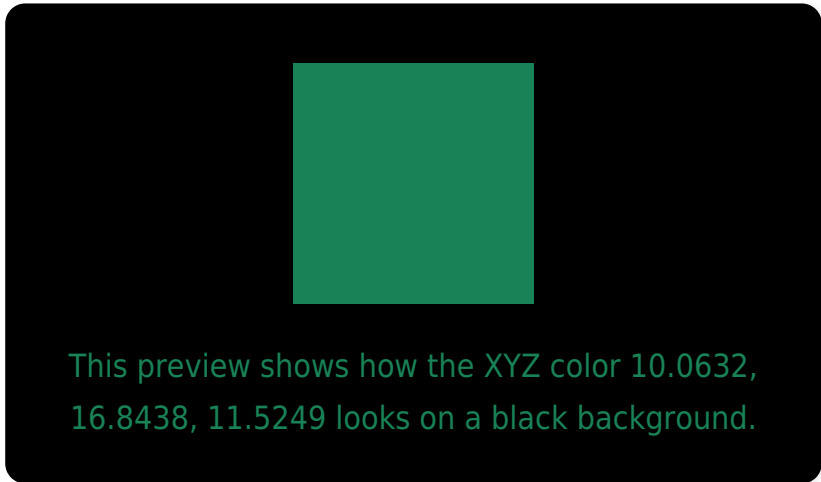
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 10.0632, 16.8438, 11.5249

Background



This preview shows how black text looks on a background with the XYZ color 10.0632, 16.8438, 11.5249.



This preview shows how white text looks on a background with the XYZ color 10.0632, 16.8438,

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

10.0632, 16.8438, 11.5249

Protanopia

15.4848, 16.5857, 9.7824

Deuteranopia

16.8727, 16.5981, 12.2120



Tritanopia

12.8261, 16.8146, 25.1238

Trichromacy



Original Color

10.0632, 16.8438, 11.5249



Protanomaly

12.0503, 15.8291, 10.4028



Deuteranomaly

12.6787, 15.7710, 11.8271



Tritanomaly

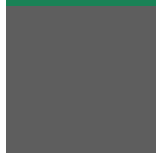
11.5862, 16.6775, 19.4380

Monochromacy



Original Color

10.0632, 16.8438, 11.5249



Achromatopsia

10.6392, 11.1932, 12.1894



Achromatomaly

9.6003, 12.5359, 11.8112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.0632, 16.8438, 11.5249 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(25, 130, 86)` looks like.

```
.text, #text, p{  
    color:rgb(25, 130, 86)  
}
```

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(25, 130, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 130, 86) }
```

Border

The CSS property to change the border of an element to XYZ 10.0632, 16.8438, 11.5249 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(25, 130, 86) }
```


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

```
.border{ border-color:rgb(25, 130, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 130, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 130, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 130, 86);  
box-shadow:4px 4px 4px 4px rgb(25, 130,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 10.0632, 16.8438, 11.5249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 130, 86) }
```

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

```
.background{ background-color: rgb(25, 130,  
86) }
```

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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