

Converting Colors

XYZ(10.9667, 16.8297, 15.5024)

Have a look what the booklet for
XYZ(10.9667, 16.8297, 15.5024)
contains.

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Color

**XYZ(10.9667, 16.8297,
15.5024)**

Conversions

Conversions Part 1

Format	Color
Hex	268067
RGB	38, 128, 103
RGB Percent	15%, 50%, 40%
CMY	0.8510, 0.4980, 0.5961
CMYK	0.70, 0.00, 0.20, 0.50
HSL	163°, 54%, 33%
HSV	163°, 70%, 50%
XYZ	10.9667, 16.8297, 15.5024
YIQ	98.2400, -45.6150, -26.8550

Conversions

Conversions Part 2

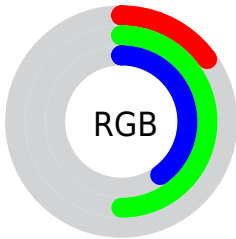
Format	Color
R_{YB}	38, 90, 128
Decimal	2523239
CIE _{Lab}	48.04, -32.64, 5.99
CIE _{LCh}	48, 33.184, 169.604
Yxy	16.8297, 0.2533, 0.3887
Android (android.graphics.Color)	4280713319 (0xFF268067)
YUV	98.2400, 2.3467, -52.8305
Hunter-Lab	41.0240, -24.0747, 6.3120

Details

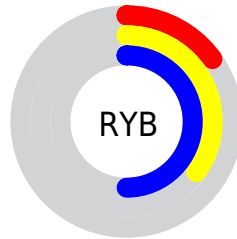
The XYZ color **10.9667, 16.8297, 15.5024** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **10.4930, 6.3348, 5.3730**, and the grayscale version is **11.6722, 12.2801, 13.3730**.

A 20% lighter version of the original color is **27.1805, 37.8676, 36.4485**, and **3.4382, 5.7343, 4.6670** is the 20% darker color. If you saturate the color by 10%, you get **10.3989, 16.5576, 14.5641**, and if you desaturate by 10%, it is **11.7054, 17.1899, 16.4890**.

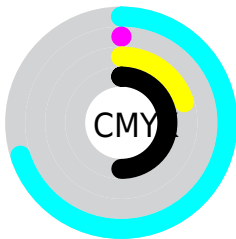
Distribution



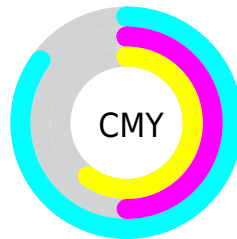
- Red (15%)
- Green (50%)
- Blue (40%)



- Red (15%)
- Yellow (35%)
- Blue (50%)



- Cyan (70%)
- Magenta (0%)
- Yellow (20%)
- Black (50%)





- Cyan (85%)
- Magenta (50%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.9667, 16.8297, 15.5024 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 10.9667, 16.8297, 15.5024 by changing the saturation by 10% instead.


 10.9667, 16.8297,
15.5024


 10.9667, 16.8297,
15.5024


191.3520,
234.1891, 238.1319


 6.1116, 10.1131,
9.0222


 27.2321, 38.0327,
36.4868


 2.9543, 5.4740,
4.6587

 39.3730, 53.2880,
51.8282


 1.1297, 2.5280,
1.9932

 54.6733, 72.1583,
70.9603

 0.0497, 0.8906,
0.5511

 73.4983, 95.0280,
94.3018

 0.0000, 0.0000,
0.0000

 96.2132, 122.2816,
122.2712

 123.1836,

154.3033, 155.2869

154.7747,
191.4777, 193.7677

■ 10.9667, 16.8297,
15.5024

■ 10.9667, 16.8297,
15.5024

■ 10.3989, 16.5576,
14.5641

■ 11.7054, 17.1899,
16.4890

■ 9.9830, 16.3625,
13.6718

■ 12.6288, 17.6439,
17.5241

■ 9.6707, 16.2194,
12.8482

■ 13.7506, 18.1994,
18.6090

■ 15.0831, 18.8626,
19.7448

■ 16.6372, 19.6391,
20.9324

■ 18.4235, 20.5343,
22.1729

■ 20.4515, 21.5532,
23.4671

■ 22.7303, 22.7005,
24.8158

■ 25.2687, 23.9806,
26.2200

Harmonies

Analogous

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



11.9928, 16.8297, 9.5681



10.9667, 16.8297, 15.5024



11.1541, 16.8297, 24.4454

Triad

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



10.9667, 16.8297, 15.5024



18.0107, 16.8297, 38.7091



20.0332, 16.8297, 8.4027

Complementary

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



10.9667, 16.8297, 15.5024



10.4930, 6.3348, 5.3730

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.



22.0688, 16.8297, 13.3217



10.9667, 16.8297, 15.5024



20.8038, 16.8297, 31.2515

Square

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



10.9667, 16.8297, 15.5024



14.9777, 16.8297, 39.8504



22.3672, 16.8297, 21.4703



17.0597, 16.8297, 6.4051

Rectangle

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



10.9667, 16.8297, 15.5024



11.9506, 16.8297, 31.0027



22.3672, 16.8297, 21.4703



20.8649, 16.8297, 9.6818

Sweetspot

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



10.9672, 16.8304, 15.5028



28.9496, 34.4054, 36.6034



10.1516, 16.6523, 4.5132



6.6252, 7.9789, 8.4563



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.



10.9672, 16.8304, 15.5028



17.8657, 28.9423, 24.7483



10.1116, 12.8022, 22.3610



4.3971, 4.8671, 5.2621



9.5894, 16.0823, 12.7426



0.0000, 0.0000, 0.0000

Inverse Universe

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



10.4930, 6.3348, 5.3730



17.0144, 9.2260, 5.9151



10.7405, 7.7056, 2.7553



4.3731, 4.3624, 4.7691



9.1367, 4.6744, 2.0436



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 10.9667, 16.8297, 15.5024 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 10.9667, 16.8297, 15.5024 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 10.9667, 16.8297, 15.5024

Background



This preview shows how black text looks on a background with the XYZ color 10.9667, 16.8297, 15.5024.



This preview shows how white text looks on a background with the XYZ color 10.9667, 16.8297,

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

10.9667, 16.8297, 15.5024

Protanopia

15.5784, 16.5584, 13.2015

Deuteranopia

16.8749, 16.5108, 16.2074



Tritanopia

12.9269, 16.8666, 25.1285

Trichromacy



Original Color

10.9667, 16.8297, 15.5024

Protanomaly

12.8995, 16.0124, 13.9661

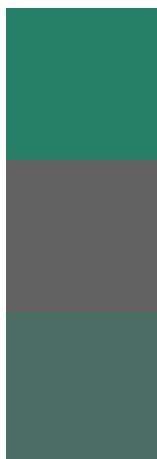
Deuteranomaly

13.5662, 15.9643, 16.0021

Tritanomaly

12.0811, 16.7016, 21.3259

Monochromacy



Original Color

10.9667, 16.8297, 15.5024

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

10.7494, 13.3939, 14.0753

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.9667, 16.8297, 15.5024 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(38, 128, 103)` looks like.

```
.text, #text, p{  
    color:rgb(38, 128, 103)  
}
```

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(38, 128, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 128, 103) }
```

Border

The CSS property to change the border of an element to XYZ 10.9667, 16.8297, 15.5024 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(38, 128, 103) }
```


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

```
.border{ border-color:rgb(38, 128, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 128, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 128, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 128, 103);  
box-shadow:4px 4px 4px 4px rgb(38, 128,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 10.9667, 16.8297, 15.5024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 128, 103) }
```

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

```
.background{ background-color: rgb(38, 128,  
103) }
```

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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