

Converting Colors

XYZ(10.9734, 15.6693, 10.4945)

Have a look what the booklet for
XYZ(10.9734, 15.6693, 10.4945)
contains.

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Color

**XYZ(10.9589, 15.6235,
10.4207)**

Conversions

Conversions Part 1

Format	Color
Hex	477952
RGB	71, 121, 82
RGB Percent	28%, 47%, 32%
CMY	0.7216, 0.5255, 0.6784
CMYK	0.41, 0.00, 0.32, 0.53
HSL	133°, 26%, 38%
HSV	133°, 41%, 47%
XYZ	10.9589, 15.6235, 10.4207
YIQ	101.6040, -17.2810, -22.7290

Conversions

Conversions Part 2

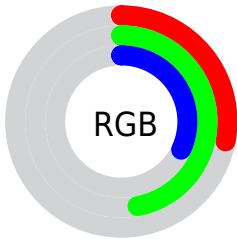
Format	Color
R_{YB}	71, 112, 121
Decimal	4684114
CIE _{Lab}	46.48, -25.94, 16.23
CIE _{LCh}	46, 30.599, 147.956
Yxy	15.6235, 0.2962, 0.4222
Android (android.graphics.Color)	4282874194 (0xFF477952)
YUV	101.6040, -9.6648, -26.8397
Hunter-Lab	39.5266, -19.6817, 12.0375

Details

The XYZ color **10.9589, 15.6235, 10.4207** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **12.9534, 9.6976, 15.9416**, and the grayscale version is **12.5540, 13.2078, 14.3833**.

A 20% lighter version of the original color is **27.3269, 36.0756, 27.3528**, and **2.9606, 4.9277, 2.5454** is the 20% darker color. If you saturate the color by 10%, you get **9.8236, 15.0773, 8.6201**, and if you desaturate by 10%, it is **12.3212, 16.2819, 12.4905**.

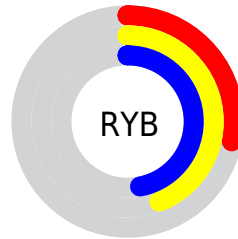
Distribution



Red (28%)

Green (47%)

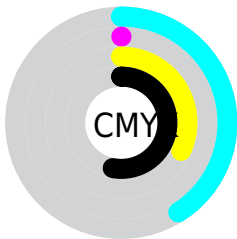
Blue (32%)



Red (28%)

Yellow (44%)

Blue (47%)

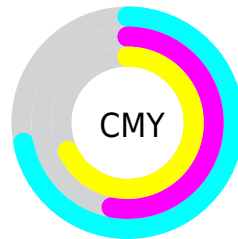


Cyan (41%)

Magenta (0%)

Yellow (32%)

Black (53%)



Cyan (72%)

Magenta (53%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.9589, 15.6235, 10.4207 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 10.9589, 15.6235, 10.4207 by changing the saturation by 10% instead.

■ 10.9589, 15.6235,
10.4207

■ 10.9589, 15.6235,
10.4207

191.2995,
227.1097, 204.2416

■ 6.1063, 9.2581,
5.5695

■ 27.2178, 35.9433,
27.2039

■ 2.9511, 4.9099,
2.5206

■ 39.3547, 50.6666,
39.9731

■ 1.1280, 2.1945,
0.8511

■ 54.6505, 68.9446,
56.2187

■ 0.0483, 0.7170,
0.0000

■ 73.4705, 91.1617,
76.3592

■ 0.0000, 0.0000,
0.0000

■ 96.1801, 117.7024,
100.8132

123.1445,

148.9511, 129.9992

154.7292,
185.2920, 164.3358

■ 10.9589, 15.6235,
10.4207

■ 10.9589, 15.6235,
10.4207

■ 9.8236, 15.0773,
8.6201

■ 12.3212, 16.2819,
12.4905

■ 8.9015, 14.6352,
7.0767

■ 13.9209, 17.0562,
14.8390

■ 8.1792, 14.2908,
5.7789


■ 15.7691, 17.9525,
17.4763


■ 7.6412, 14.0365,
4.7140


■ 17.8760, 18.9758,
20.4117


■ 7.2697, 13.8633,
3.8681


■ 20.2510, 20.1309,
23.6543

 7.0311, 13.7527,
3.2980

 22.9032, 21.4222,
27.2125

 25.8412, 22.8539,
31.0948

 29.0734, 24.4302,
35.3088

 32.6075, 26.1550,
39.8624

Harmonies

Analogous

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



12.6008, 15.6235, 7.1503



10.9589, 15.6235, 10.4207



10.3436, 15.6235, 16.4996

Triad

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



10.9589, 15.6235, 10.4207



14.6699, 15.6235, 36.0014



19.7847, 15.6235, 11.0800

Complementary

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



10.9589, 15.6235, 10.4207



12.9534, 9.6976, 15.9416

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.



20.5046, 15.6235, 17.5335



10.9589, 15.6235, 10.4207



17.3514, 15.6235, 33.2986

Square

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



10.9589, 15.6235, 10.4207



12.3226, 15.6235, 32.4962



19.5670, 15.6235, 25.9205



17.7005, 15.6235, 7.4443

Rectangle

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



10.9589, 15.6235, 10.4207



10.5360, 15.6235, 21.8836



19.5670, 15.6235, 25.9205



20.2044, 15.6235, 12.9219

Sweetspot

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



10.9593, 15.6242, 10.4211



27.8936, 31.9802, 30.8093



14.4264, 17.4561, 8.5704



6.3010, 7.2750, 6.9358



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



10.9593, 15.6242, 10.4211



17.6042, 27.0049, 15.4577



12.0814, 16.0730, 16.3302



3.9837, 4.4631, 4.4478



7.5308, 14.7360, 3.5142



35.6545, 70.1848, 15.3503

Inverse Universe

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



12.9534, 9.6976, 15.9416



21.7059, 14.7929, 26.7973



11.7852, 9.2303, 9.7899



4.1185, 4.0631, 4.8219



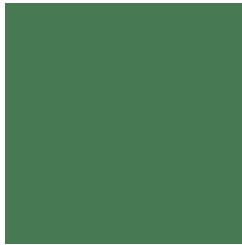
10.6294, 5.2279, 11.8712



50.3760, 24.8067, 54.9032

Previews

White Background



This preview shows how the XYZ color 10.9589, 15.6235, 10.4207 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 10.9589, 15.6235, 10.4207 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 10.9589, 15.6235, 10.4207

Background



This preview shows how black text looks on a background with the XYZ color 10.9589, 15.6235, 10.4207.



This preview shows how white text looks on a background with the XYZ color 10.9589, 15.6235,

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

10.9589, 15.6235, 10.4207

Protanopia

14.3867, 15.5392, 9.2623

Deuteranopia

15.5934, 15.3482, 10.7350



Tritanopia

13.2553, 15.6769, 21.7294

Trichromacy



Original Color

10.9589, 15.6235, 10.4207

Protanomaly

12.7954, 15.3658, 9.6886

Deuteranomaly

13.3481, 15.1348, 10.6053

Tritanomaly

12.2993, 15.6388, 16.8383

Monochromacy



Original Color

10.9589, 15.6235, 10.4207

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

11.8486, 13.9876, 12.9019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.9589, 15.6235, 10.4207 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(71, 121, 82)` looks like.

```
.text, #text, p{  
    color:rgb(71, 121, 82)  
}
```

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(71, 121, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 121, 82) }
```

Border

The CSS property to change the border of an element to XYZ 10.9589, 15.6235, 10.4207 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(71, 121, 82) }
```


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

```
.border{ border-color:rgb(71, 121, 82) }
```

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

Here you see how a box with a 4 pixel rgb(71, 121, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 121, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 121, 82);  
box-shadow:4px 4px 4px 4px rgb(71, 121,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 10.9589, 15.6235, 10.4207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 121, 82) }
```

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

```
.background{ background-color: rgb(71, 121,  
82) }
```

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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