

Converting Colors

XYZ(11.0332, 13.6522, 16.2557)

Have a look what the booklet for
XYZ(11.0332, 13.6522, 16.2557)
contains.

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Color

**XYZ(11.0304, 13.6510,
16.2409)**

Conversions

Conversions Part 1

Format	Color
Hex	496E6C
RGB	73, 110, 108
RGB Percent	29%, 43%, 42%
CMY	0.7137, 0.5686, 0.5765
CMYK	0.34, 0.00, 0.02, 0.57
HSL	177°, 20%, 36%
HSV	177°, 34%, 43%
XYZ	11.0304, 13.6510, 16.2409
YIQ	98.7090, -21.4100, -8.4660

Conversions

Conversions Part 2

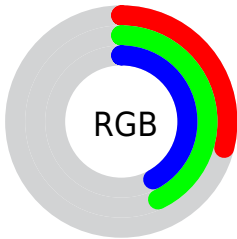
Format	Color
R_{YB}	73, 92, 110
Decimal	4812396
CIE Lab	43.73, -13.56, -3.09
CIE LCh	44, 13.910, 192.824
Yxy	13.6510, 0.2695, 0.3336
Android (android.graphics.Color)	4283002476 (0xFF496E6C)
YUV	98.7090, 4.5805, -22.5468
Hunter-Lab	36.9473, -11.3675, -0.1990

Details

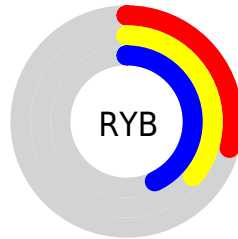
The XYZ color **11.0304, 13.6510, 16.2409** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **10.0835, 8.5886, 7.7836**, and the grayscale version is **11.7796, 12.3931, 13.4961**.

A 20% lighter version of the original color is **27.3467, 32.5548, 37.6433**, and **2.9658, 3.9888, 5.0285** is the 20% darker color. If you saturate the color by 10%, you get **10.2381, 13.2466, 16.0394**, and if you desaturate by 10%, it is **11.9711, 14.1326, 16.4511**.

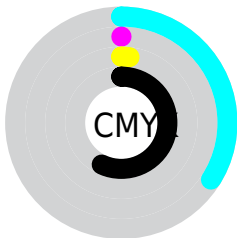
Distribution



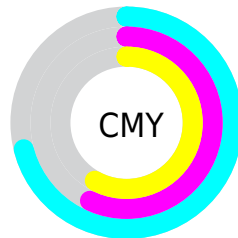
- Red (29%)
- Green (43%)
- Blue (42%)



- Red (29%)
- Yellow (36%)
- Blue (43%)



- Cyan (34%)
- Magenta (0%)
- Yellow (2%)
- Black (57%)



- Cyan (71%)
- Magenta (57%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0304, 13.6510, 16.2409 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 11.0304, 13.6510, 16.2409 by changing the saturation by 10% instead.

■ 11.0304, 13.6510,
16.2409

■ 11.0304, 13.6510,
16.2409

191.7800,
215.0487, 242.6531

■ 6.1547, 7.8783,
9.5386

■ 27.3488, 32.4685,
37.7885

■ 2.9809, 4.0172,
4.9925

■ 39.5223, 46.2821,
53.4709

■ 1.1437, 1.6832,
2.1842

■ 54.8591, 63.5448,
72.9837

■ 0.0612, 0.4127,
0.6652

■ 73.7245, 84.6410,
96.7455

■ 0.0000, 0.0000,
0.0000

■ 96.4839, 109.9551,
125.1748

123.5028,

139.8715, 158.6901

155.1463,
174.7746, 197.7100

■ 11.0304, 13.6510,
16.2409

■ 11.0304, 13.6510,
16.2409

■ 10.2381, 13.2466,
16.0394

■ 11.9711, 14.1326,
16.4511

■ 9.5854, 12.9137,
15.8452

■ 13.0663, 14.6935,
16.6693

■ 9.0641, 12.6485,
15.6583

■ 14.3232, 15.3377,
16.8963

■ 8.6647, 12.4462,
15.4783

■ 15.7479, 16.0685,
17.1322

■ 8.3768, 12.3013,
15.3046

■ 17.3466, 16.8889,
17.3774

■ 8.1844, 12.2057,
15.1364

■ 19.1250, 17.8018,
17.6322

■ 8.0775, 12.1528,
15.0307

■ 21.0884, 18.8102,
17.8968

■ 23.2420, 19.9166,
18.1714

■ 25.5910, 21.1237,
18.4563

Harmonies

Analogous

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



11.0675, 13.6510, 13.1550



11.0304, 13.6510, 16.2409



11.4927, 13.6510, 19.3451

Triad

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



11.0304, 13.6510, 16.2409



14.4575, 13.6510, 19.7333



13.6059, 13.6510, 9.8199

Complementary

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



11.0304, 13.6510, 16.2409



10.0835, 8.5886, 7.7836

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.



14.5793, 13.6510, 11.1339



11.0304, 13.6510, 16.2409



15.0896, 13.6510, 16.7142

Square

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



11.0304, 13.6510, 16.2409



13.4473, 13.6510, 21.5438



15.1354, 13.6510, 13.5665



12.5137, 13.6510, 9.7304

Rectangle

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



11.0304, 13.6510, 16.2409



12.0378, 13.6510, 20.8913



15.1354, 13.6510, 13.5665



13.9593, 13.6510, 10.1236

Sweetspot

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



11.0308, 13.6515, 16.2412



23.6575, 26.1684, 29.4062



9.7173, 13.1482, 8.3295



5.4532, 6.0629, 6.8334



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



11.0308, 13.6515, 16.2412



18.3131, 23.4331, 28.2571



9.5624, 10.5423, 16.2832



3.4676, 3.8122, 4.2684



9.6999, 14.5975, 18.0381



48.2153, 72.6748, 89.3079

Inverse Universe

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



10.0835, 8.5886, 7.7836



16.3889, 13.1438, 11.0737



11.2087, 10.9469, 7.8260



3.3911, 3.4042, 3.5865



7.7605, 3.9966, 0.5485



38.5564, 19.8679, 2.1964

Previews

White Background



This preview shows how the XYZ color 11.0304, 13.6510, 16.2409 looks on a white background.

Color Contrast Check

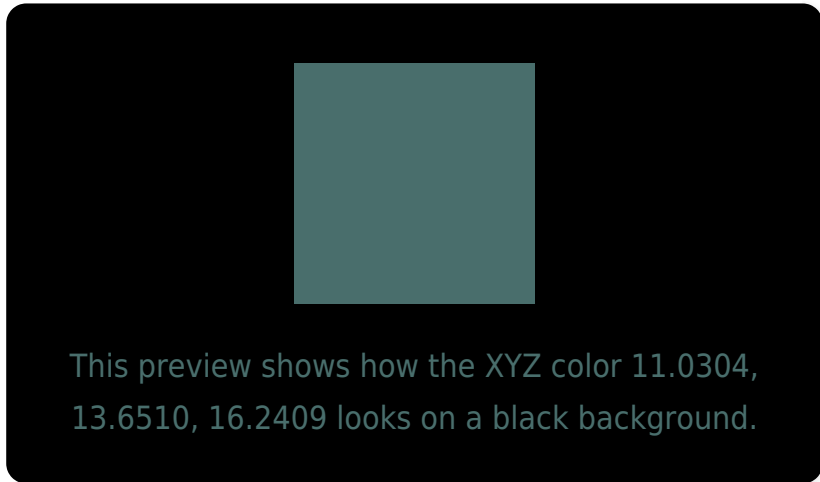
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.0304, 13.6510, 16.2409

Background



This preview shows how black text looks on a background with the XYZ color 11.0304, 13.6510, 16.2409.



This preview shows how white text looks on a background with the XYZ color 11.0304, 13.6510,

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

11.0304, 13.6510, 16.2409

Protanopia

13.0758, 13.5055, 15.0144

Deuteranopia

13.8021, 13.5551, 16.6408



Tritanopia

11.5812, 13.7175, 18.8670

Trichromacy



Original Color

11.0304, 13.6510, 16.2409

Protanomaly

12.1156, 13.4502, 15.3222

Deuteranomaly

12.6404, 13.5461, 16.4164

Tritanomaly

11.3299, 13.6080, 17.9490

Monochromacy



Original Color

11.0304, 13.6510, 16.2409

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.4650, 12.8335, 14.4432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0304, 13.6510, 16.2409 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(73, 110, 108)` looks like.

```
.text, #text, p{  
    color:rgb(73, 110, 108)  
}
```

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(73, 110, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 110, 108) }
```

Border

The CSS property to change the border of an element to XYZ 11.0304, 13.6510, 16.2409 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(73, 110, 108) }
```


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

```
.border{ border-color:rgb(73, 110, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 110, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 110, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 110, 108);  
box-shadow:4px 4px 4px 4px rgb(73, 110,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0304, 13.6510, 16.2409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 110, 108) }
```

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

```
.background{ background-color: rgb(73, 110,  
108) }
```

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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