

Converting Colors

XYZ(6.3623, 11.4061, 6.1847)

Have a look what the booklet for
XYZ(6.3623, 11.4061, 6.1847)
contains.

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Color

**XYZ(6.3915, 11.4781,
6.1536)**

Conversions

Conversions Part 1

Format	Color
Hex	006E3C
RGB	0, 110, 60
RGB Percent	0%, 43%, 24%
CMY	1.0000, 0.5686, 0.7647
CMYK	1.00, 0.00, 0.45, 0.57
HSL	153°, 100%, 22%
HSV	153°, 100%, 43%
XYZ	6.3915, 11.4781, 6.1536
YIQ	71.4100, -49.5100, -38.8700

Conversions

Conversions Part 2

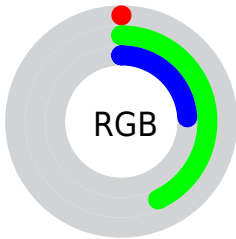
Format	Color
RYB	0, 71, 110
Decimal	28220
CIELab	40.37, -39.67, 20.45
CIELCh	40, 44.627, 152.732
Yxy	11.4781, 0.2661, 0.4778
Android (android.graphics.Color)	4278218300 (0xFF006E3C)
YUV	71.4100, -5.6251, -62.6266
Hunter-Lab	33.8793, -25.6140, 12.9465

Details

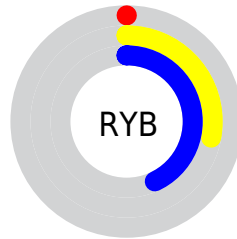
The XYZ color **6.3915, 11.4781, 6.1536** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7.0064, 3.5454, 3.3327**, and the grayscale version is **6.0742, 6.3905, 6.9593**.

A 20% lighter version of the original color is **18.5516, 28.6936, 18.7480**, and **1.7623, 3.3749, 1.0488** is the 20% darker color. If you saturate the color by 10%, you get **6.3918, 11.4786, 6.1539**, and if you desaturate by 10%, it is **6.6683, 11.6051, 6.8898**.

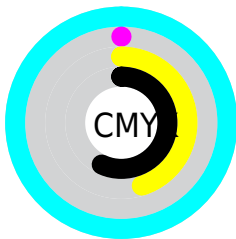
Distribution



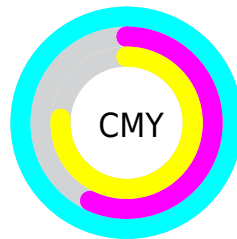
- Red (0%)
- Green (43%)
- Blue (24%)



- Red (0%)
- Yellow (28%)
- Blue (43%)



- Cyan (100%)
- Magenta (0%)
- Yellow (45%)
- Black (57%)



- Cyan (100%)
- Magenta (57%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 6.3915, 11.4781, 6.1536 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 6.3915, 11.4781, 6.1536 by changing the saturation by 10% instead.

■ 6.3915, 11.4781,
6.1536

■ 6.3915, 11.4781,
6.1536

157.1650,
200.9189, 169.7877

■ 3.1275, 6.3894,
2.8684

■ 18.4552, 28.5409,
18.7320

■ 1.2215, 3.0833,
1.0278

■ 27.9856, 41.2838,
28.8623

■ 0.1233, 1.1754,
0.0000

■ 40.3355, 57.3469,
42.1114

■ 0.0000, 0.0414,
0.0000


■ 55.8703, 77.1146,
58.8979


■ 0.0000, 0.0000,
0.0000


■ 74.9553, 100.9712,
79.6402


■ 97.9558, 129.3012,


104.7569


 125.2373,
162.4890, 134.6665


 6.3915, 11.4781,
6.1536


 6.3915, 11.4781,
6.1536


 6.3918, 11.4786,
6.1539

 6.6683, 11.6051,
6.8898

 7.0126, 11.7651,
7.6959

 7.4734, 11.9837,
8.5761

 8.0629, 12.2670,
9.5326

 8.7915, 12.6205,
10.5673

■ 9.6685, 13.0488,
11.6824

■ 10.7025, 13.5564,
12.8795

■ 11.9012, 14.1472,
14.1605

■ 13.2719, 14.8250,
15.5272

Harmonies

Analogous

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



7.9716, 11.4781, 2.8897



6.3915, 11.4781, 6.1536



5.9397, 11.4781, 13.3364

Triad

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



6.3915, 11.4781, 6.1536



11.1986, 11.4781, 38.7838



16.7873, 11.4781, 5.3092

Complementary

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



6.3915, 11.4781, 6.1536



7.0064, 3.5454, 3.3327

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.



18.0823, 11.4781, 11.6950



6.3915, 11.4781, 6.1536



14.4931, 11.4781, 33.2915

Square

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



6.3915, 11.4781, 6.1536



8.3810, 11.4781, 34.8934



17.1721, 11.4781, 22.1598



13.9016, 11.4781, 2.5915

Rectangle

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



6.3915, 11.4781, 6.1536



6.2518, 11.4781, 20.3998



17.1721, 11.4781, 22.1598



17.4455, 11.4781, 6.9561

Sweetspot

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



6.3918, 11.4786, 6.1539



18.6393, 23.7302, 22.4445



6.9583, 11.8648, 1.9234



4.2000, 5.4546, 5.0672



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.



6.3918, 11.4786, 6.1539



11.1637, 20.1334, 10.4851



8.0032, 11.5032, 16.5510



3.4140, 3.7908, 3.9866



7.6634, 13.7829, 7.3143



37.7354, 68.4828, 34.1214

Inverse Universe

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



7.0064, 3.5454, 3.3327



12.2446, 6.2024, 5.5390



6.4705, 3.3947, 0.3142



3.4417, 3.4244, 3.8526



8.4021, 4.2532, 3.9272



41.4300, 21.0173, 17.3285

Previews

White Background



This preview shows how the XYZ color 6.3915, 11.4781, 6.1536 looks on a white background.

Color Contrast Check

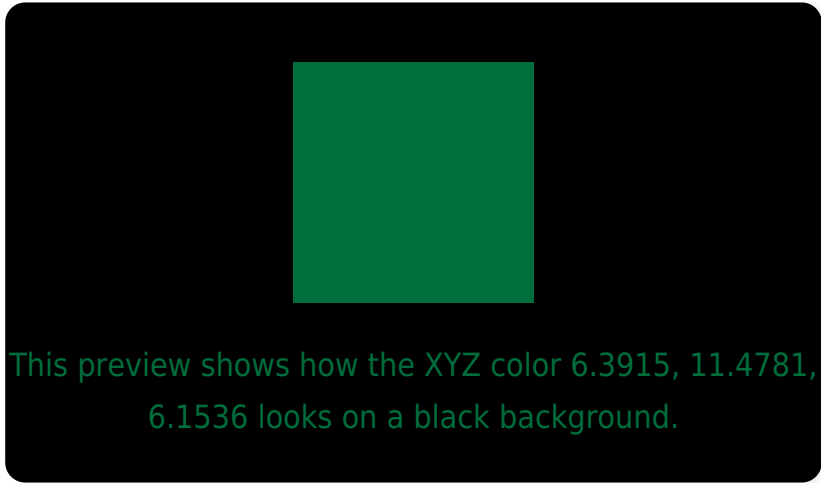
Large Text (above 18pt) WCAG AA ✓ Pass

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 6.3915, 11.4781, 6.1536

Background



This preview shows how black text looks on a background with the XYZ color 6.3915, 11.4781, 6.1536.



This preview shows how white text looks on a background with the XYZ color 6.3915, 11.4781,

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

6.3915, 11.4781, 6.1536

Protanopia

10.4670, 11.3938, 5.1376

Deuteranopia

11.6347, 11.4412, 6.5962



Tritanopia

8.7894, 11.5419, 17.0938

Trichromacy



Original Color

6.3915, 11.4781, 6.1536



Protanomaly

7.5177, 10.5581, 5.3831



Deuteranomaly

8.0125, 10.5107, 6.3091



Tritanomaly

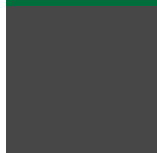
7.5558, 11.3180, 12.1423

Monochromacy



Original Color

6.3915, 11.4781, 6.1536



Achromatopsia

5.9891, 6.3010, 6.8618



Achromatomaly

5.3438, 7.4601, 6.4685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 6.3915, 11.4781, 6.1536 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, 110, 60)` looks like.

```
.text, #text, p{  
    color:rgb(0, 110, 60)  
}
```

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, 110, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 110, 60) }
```

Border

The CSS property to change the border of an element to XYZ 6.3915, 11.4781, 6.1536 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, 110, 60) }
```


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

```
.border{ border-color:rgb(0, 110, 60) }
```

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

Here you see how a box with a 4 pixel rgb(0, 110, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 110, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 110, 60);  
box-shadow:4px 4px 4px 4px rgb(0, 110, 60)  
}
```

Background

The CSS property to change the background color of an element to XYZ 6.3915, 11.4781, 6.1536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 110, 60) }
```

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

```
.background{ background-color: rgb(0, 110,  
60) }
```

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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