

Converting Colors

XYZ(5.6143, 11.1069, 2.2464)

Have a look what the booklet for
XYZ(5.6143, 11.1069, 2.2464)
contains.

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Color

**XYZ(5.6552, 11.1836,
2.2761)**

Conversions

Conversions Part 1

Format	Color
Hex	006E0E
RGB	0, 110, 14
RGB Percent	0%, 43%, 5%
CMY	1.0000, 0.5686, 0.9451
CMYK	1.00, 0.00, 0.87, 0.57
HSL	128°, 100%, 22%
HSV	128°, 100%, 43%
XYZ	5.6552, 11.1836, 2.2761
YIQ	66.1660, -34.7440, -53.1760

Conversions

Conversions Part 2

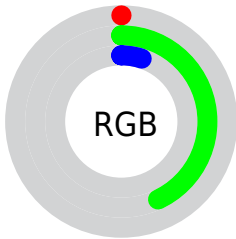
Format	Color
RYB	0, 98, 110
Decimal	28174
CIELab	39.89, -45.70, 41.26
CIELCh	40, 61.573, 137.920
Yxy	11.1836, 0.2959, 0.5851
Android (android.graphics.Color)	4278218254 (0xFF006E0E)
YUV	66.1660, -25.7178, -58.0276
Hunter-Lab	33.4419, -28.3380, 19.3740

Details

The XYZ color **5.6552, 11.1836, 2.2761** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **8.5418, 4.1596, 11.4181**, and the grayscale version is **5.2473, 5.5205, 6.0119**.

A 20% lighter version of the original color is **17.0120, 28.0955, 9.8365**, and **1.6687, 3.3375, 0.5562** is the 20% darker color. If you saturate the color by 10%, you get **5.6555, 11.1841, 2.2764**, and if you desaturate by 10%, it is **5.8750, 11.2878, 2.7119**.

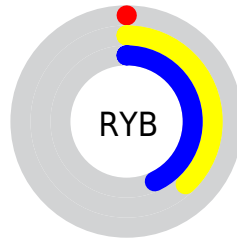
Distribution



Red (0%)

Green (43%)

Blue (5%)



Red (0%)

Yellow (38%)

Blue (43%)

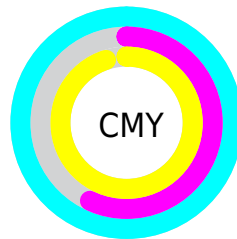


Cyan (100%)

Magenta (0%)

Yellow (87%)

Black (57%)



Cyan (100%)


Magenta (57%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 5.6552, 11.1836, 2.2761 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 5.6552, 11.1836, 2.2761 by changing the saturation by 10% instead.


 5.6552, 11.1836,
2.2761


 5.6552, 11.1836,
2.2761


150.7718,
198.9229, 126.5266


 2.6752, 6.1905,
0.7178

 16.9441, 27.9992,
9.7828


 0.9844, 2.9612,
0.0000


 25.9838, 40.5904,
16.5886

 0.0000, 1.1115,
0.0000

 37.7740, 56.4831,
25.9875

 0.0000, 0.0000,
0.0000


 52.6802, 76.0617,
38.3980


 71.0678, 99.7106,
54.2386


 93.3020, 127.8142,


73.9279


 119.7482,
160.7568, 97.8844


 5.6552, 11.1836,
2.2761


 5.6552, 11.1836,
2.2761


 5.6555, 11.1841,
2.2764

 5.8750, 11.2878,
2.7119

 6.1845, 11.4339,
3.3350

 6.6359, 11.6487,
4.1655

 7.2439, 11.9394,
5.2196

 8.0214, 12.3125,
6.5118

■ 8.9798, 12.7734,
8.0556

■ 10.1297, 13.3273,
9.8632

■ 11.4807, 13.9791,
11.9462

■ 13.0418, 14.7330,
14.3154

Harmonies

Analogous

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



8.3139, 11.1836, 0.7122



5.6552, 11.1836, 2.2761



4.4855, 11.1836, 7.9159

Triad

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



5.6552, 11.1836, 2.2761



9.0135, 11.1836, 52.2368



20.4240, 11.1836, 6.3143

Complementary

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



5.6552, 11.1836, 2.2761



8.5418, 4.1596, 11.4181

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.



20.7580, 11.1836, 17.7448



5.6552, 11.1836, 2.2761



13.3399, 11.1836, 50.6287

Square

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



5.6552, 11.1836, 2.2761



6.0495, 11.1836, 39.0183



17.8994, 11.1836, 35.4766



17.0812, 11.1836, 1.7695

Rectangle

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



5.6552, 11.1836, 2.2761



4.4280, 11.1836, 15.6848



17.8994, 11.1836, 35.4766



20.9189, 11.1836, 9.2356

Sweetspot

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



5.6555, 11.1841, 2.2764



17.6147, 23.3204, 17.0495



10.5239, 13.7030, 2.0903



3.9455, 5.3528, 3.7275



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.



5.6555, 11.1841, 2.2764



9.9031, 19.6292, 3.8470



6.6145, 11.5677, 7.3266



3.3608, 3.7695, 3.7061



6.7865, 13.4321, 2.6967



33.6218, 66.8374, 12.4596

Inverse Universe

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



8.5418, 4.1596, 11.4181



14.9704, 7.2927, 19.8929



6.8516, 3.4835, 2.5175



3.4970, 3.4465, 4.1440



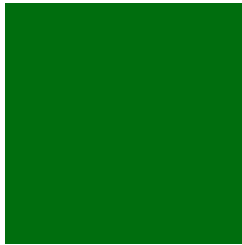
10.2537, 4.9939, 13.6778



50.8574, 24.7883, 66.9722

Previews

White Background



This preview shows how the XYZ color 5.6552, 11.1836, 2.2761 looks on a white background.

Color Contrast Check

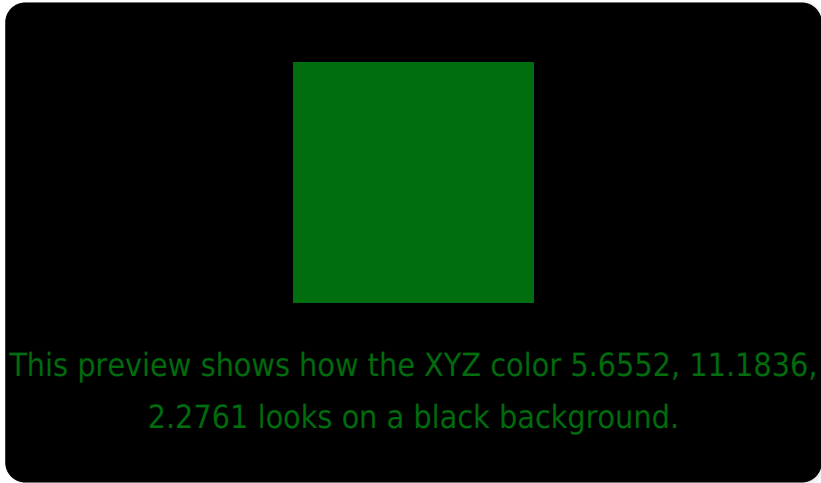
Large Text (above 18pt) WCAG AA ✓ Pass

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

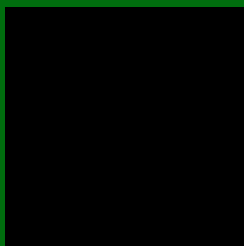
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 5.6552, 11.1836, 2.2761

Background



This preview shows how black text looks on a background with the XYZ color 5.6552, 11.1836, 2.2761.



This preview shows how white text looks on a background with the XYZ color 5.6552, 11.1836, 2.2761.

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

5.6552, 11.1836, 2.2761

Protanopia

9.9904, 11.0871, 1.8432

Deuteranopia

11.2414, 11.0754, 2.5822



Tritanopia

8.7473, 11.2313, 16.7457

Trichromacy



Original Color

5.6552, 11.1836, 2.2761

Protanomaly

6.9267, 10.3295, 1.9159

Deuteranomaly

7.3212, 10.1032, 2.3233

Tritanomaly

6.8628, 10.8862, 8.5770

Monochromacy



Original Color

5.6552, 11.1836, 2.2761

Achromatopsia

5.1784, 5.4480, 5.9329

Achromatomaly

4.4852, 6.7321, 3.7523

CSS Examples

Text

The CSS property to change the color of the text to XYZ 5.6552, 11.1836, 2.2761 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, 14)` looks like.

```
.text, #text, p{  
    color:rgb(0, 110, 14)  
}
```

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, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 110, 14) }
```

Border

The CSS property to change the border of an element to XYZ 5.6552, 11.1836, 2.2761 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, 14) }
```


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

```
.border{ border-color:rgb(0, 110, 14) }
```

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, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 110, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 110, 14);  
box-shadow:4px 4px 4px 4px rgb(0, 110, 14)  
}
```

Background

The CSS property to change the background color of an element to XYZ 5.6552, 11.1836, 2.2761 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, 14) }
```

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

```
.background{ background-color: rgb(0, 110,  
14) }
```

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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