

Converting Colors

XYZ(4.3303, 10.4691, 3.2546)

Have a look what the booklet for
XYZ(4.3303, 10.4691, 3.2546)
contains.

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Color

**XYZ(5.8504, 11.2617,
3.3042)**

Conversions

Conversions Part 1

Format	Color
Hex	006E21
RGB	0, 110, 33
RGB Percent	0%, 43%, 13%
CMY	1.0000, 0.5686, 0.8706
CMYK	1.00, 0.00, 0.70, 0.57
HSL	138°, 100%, 22%
HSV	138°, 100%, 43%
XYZ	5.8504, 11.2617, 3.3042
YIQ	68.3320, -40.8430, -47.2670

Conversions

Conversions Part 2

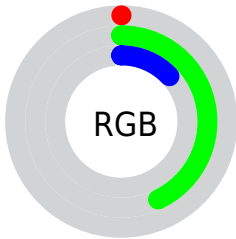
Format	Color
RYB	0, 85, 110
Decimal	28193
CIELab	40.02, -44.04, 34.20
CIELCh	40, 55.758, 142.168
Yxy	11.2617, 0.2866, 0.5516
Android (android.graphics.Color)	4278218273 (0xFF006E21)
YUV	68.3320, -17.4187, -59.9272
Hunter-Lab	33.5585, -27.6086, 17.6532

Details

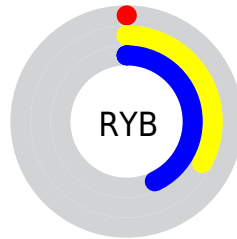
The XYZ color **5.8504, 11.2617, 3.3042** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7.7703, 3.8510, 7.3550**, and the grayscale version is **5.5803, 5.8709, 6.3934**.

A 20% lighter version of the original color is **17.4064, 28.2443, 12.3189**, and **1.6687, 3.3375, 0.5562** is the 20% darker color. If you saturate the color by 10%, you get **5.8507, 11.2622, 3.3045**, and if you desaturate by 10%, it is **6.1093, 11.3815, 3.9455**.

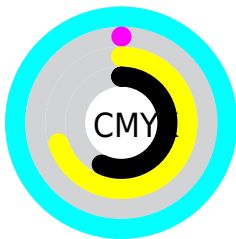
Distribution



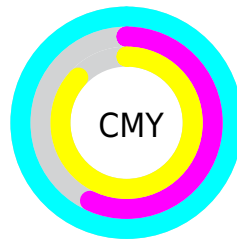
- Red (0%)
- Green (43%)
- Blue (13%)



- Red (0%)
- Yellow (33%)
- Blue (43%)



- Cyan (100%)
- Magenta (0%)
- Yellow (70%)
- Black (57%)





- Cyan (100%)
- Magenta (57%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 5.8504, 11.2617, 3.3042 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 5.8504, 11.2617, 3.3042 by changing the saturation by 10% instead.


 5.8504, 11.2617,
3.3042


 5.8504, 11.2617,
3.3042


152.5008,
199.4543, 140.1455


 2.7941, 6.2431,
1.2520


 17.3484, 28.1431,
12.3703


 1.0458, 2.9935,
0.0219

 26.5208, 40.7747,
20.2212


 0.0000, 1.1283,
0.0000

 38.4627, 56.7128,
30.8421

 0.0000, 0.0020,
0.0000


 53.5393, 76.3418,
44.6516


 0.0000, 0.0000,
0.0000


 72.1161, 100.0460,
62.0681


 94.5584, 128.2099,


83.5102


 121.2315,
161.2179, 109.3965


 5.8504, 11.2617,
3.3042


 5.8504, 11.2617,
3.3042


 5.8507, 11.2622,
3.3045

 6.1093, 11.3815,
3.9455

 6.4489, 11.5397,
4.7275

 6.9197, 11.7622,
5.6601

 7.5347, 12.0558,
6.7509

 8.3053, 12.4260,
8.0068

■ 9.2417, 12.8781,
9.4344

■ 10.3532, 13.4168,
11.0399

■ 11.6484, 14.0462,
12.8292

■ 13.1353, 14.7705,
14.8078

Harmonies

Analogous

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



8.1426, 11.2617, 1.2357



5.8504, 11.2617, 3.3042



4.9101, 11.2617, 9.5897

Triad

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



5.8504, 11.2617, 3.3042



9.7248, 11.2617, 47.6280



19.1445, 11.2617, 5.8677

Complementary

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



5.8504, 11.2617, 3.3042



7.7703, 3.8510, 7.3550

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.



19.8589, 11.2617, 15.3898



5.8504, 11.2617, 3.3042



13.7528, 11.2617, 44.3184

Square

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



5.8504, 11.2617, 3.3042



6.7694, 11.2617, 37.8459



17.6938, 11.2617, 30.4448



15.9268, 11.2617, 1.9744

Rectangle

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



5.8504, 11.2617, 3.3042



4.9683, 11.2617, 17.3051



17.6938, 11.2617, 30.4448



19.7122, 11.2617, 8.3084

Sweetspot

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



5.8507, 11.2622, 3.3045



18.0137, 23.4800, 19.1502



8.6369, 12.7302, 2.0020



4.0439, 5.3921, 4.2452



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.



5.8507, 11.2622, 3.3045



10.2256, 19.7582, 5.5451



7.3377, 11.8570, 11.1348



3.3824, 3.7782, 3.8203



7.0162, 13.5240, 3.9062



34.6110, 67.2330, 17.6685

Inverse Universe

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



7.7703, 3.8510, 7.3550



13.5913, 6.7411, 12.6308



6.5755, 3.3731, 1.0636



3.4738, 3.4372, 4.0219



9.3210, 4.6208, 8.7663



46.0379, 22.8605, 41.5932

Previews

White Background



This preview shows how the XYZ color 5.8504, 11.2617, 3.3042 looks on a white background.

Color Contrast Check

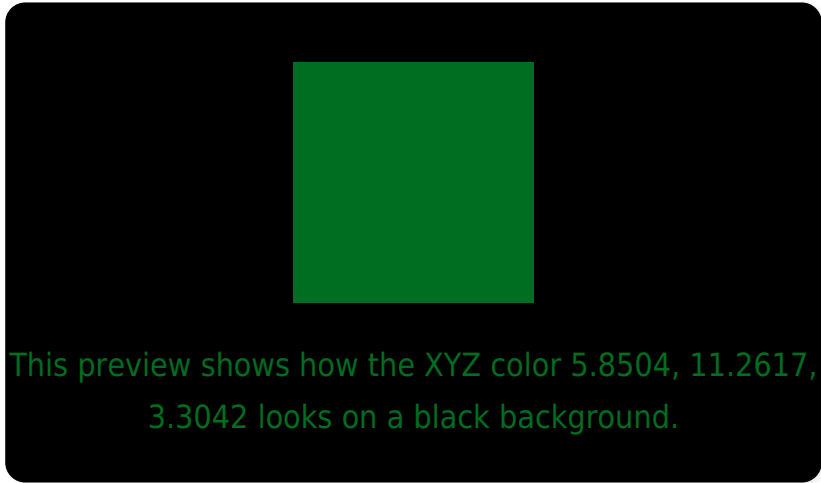
Large Text (above 18pt) WCAG AA ✓ Pass

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 5.8504, 11.2617, 3.3042

Background



This preview shows how black text looks on a background with the XYZ color 5.8504, 11.2617, 3.3042.



This preview shows how white text looks on a background with the XYZ color 5.8504, 11.2617,

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

5.8504, 11.2617, 3.3042

Protanopia

10.1683, 11.1583, 2.7802

Deuteranopia

11.3753, 11.2474, 3.5789



Tritanopia

8.8017, 11.4061, 16.7766

Trichromacy



Original Color

5.8504, 11.2617, 3.3042

Protanomaly

7.1063, 10.4014, 2.8614

Deuteranomaly

7.4327, 10.1388, 3.3155

Tritanomaly

7.2221, 11.1938, 9.9636

Monochromacy



Original Color

5.8504, 11.2617, 3.3042

Achromatopsia

5.4944, 5.7805, 6.2950

Achromatomaly

4.7791, 6.9759, 4.7090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 5.8504, 11.2617, 3.3042 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, 33)` looks like.

```
.text, #text, p{  
    color:rgb(0, 110, 33)  
}
```

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, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 110, 33) }
```

Border

The CSS property to change the border of an element to XYZ 5.8504, 11.2617, 3.3042 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, 33) }
```


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

```
.border{ border-color:rgb(0, 110, 33) }
```

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, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 110, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 110, 33);  
box-shadow:4px 4px 4px 4px rgb(0, 110, 33)  
}
```

Background

The CSS property to change the background color of an element to XYZ 5.8504, 11.2617, 3.3042 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, 33) }
```

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

```
.background{ background-color: rgb(0, 110,  
33) }
```

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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