

Converting Colors

XYZ(6.0105, 11.3856, 3.5391)

Have a look what the booklet for
XYZ(6.0105, 11.3856, 3.5391)
contains.

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Color

**XYZ(5.9820, 11.3244,
3.5396)**

Conversions

Conversions Part 1

Format	Color
Hex	076E24
RGB	7, 110, 36
RGB Percent	3%, 43%, 14%
CMY	0.9725, 0.5686, 0.8588
CMYK	0.94, 0.00, 0.67, 0.57
HSL	137°, 88%, 23%
HSV	137°, 94%, 43%
XYZ	5.9820, 11.3244, 3.5396
YIQ	70.7670, -37.6340, -44.8500

Conversions

Conversions Part 2

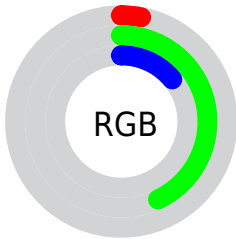
Format	Color
RYB	7, 87, 110
Decimal	486948
CIELab	40.12, -43.02, 32.93
CIElCh	40, 54.174, 142.564
Yxy	11.3244, 0.2870, 0.5432
Android (android.graphics.Color)	4278677028 (0xFF076E24)
YUV	70.7670, -17.1401, -55.9237
Hunter-Lab	33.6517, -27.1600, 17.3199

Details

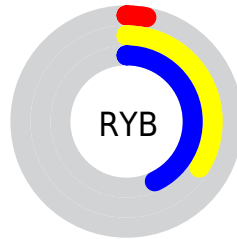
The XYZ color **5.9820, 11.3244, 3.5396** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7.9920, 4.0613, 8.1478**, and the grayscale version is **5.9827, 6.2943, 6.8545**.

A 20% lighter version of the original color is **17.6779, 28.3710, 12.9319**, and **1.6687, 3.3375, 0.5562** is the 20% darker color. If you saturate the color by 10%, you get **5.8231, 11.2511, 3.1591**, and if you desaturate by 10%, it is **6.2785, 11.4621, 4.2550**.

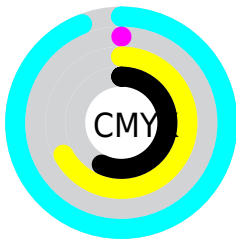
Distribution



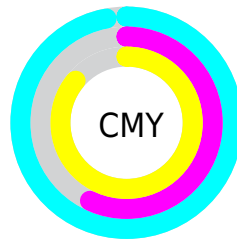
- Red (3%)
- Green (43%)
- Blue (14%)



- Red (3%)
- Yellow (34%)
- Blue (43%)



- Cyan (94%)
- Magenta (0%)
- Yellow (67%)
- Black (57%)



- Cyan (97%)
- Magenta (57%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 5.9820, 11.3244, 3.5396 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 5.9820, 11.3244, 3.5396 by changing the saturation by 10% instead.

■ 5.9820, 11.3244,
3.5396

■ 5.9820, 11.3244,
3.5396

153.6520,
199.8798, 142.9617

■ 2.8747, 6.2855,
1.3763

■ 17.6194, 28.2585,
12.9332

■ 1.0878, 3.0194,
0.1232

■ 26.8802, 40.9225,
21.0006

■ 0.0149, 1.1419,
0.0000

■ 38.9229, 56.8969,
31.8731

■ 0.0000, 0.0135,
0.0000


■ 54.1129, 76.5662,
45.9694


■ 0.0000, 0.0000,
0.0000


■ 72.8154, 100.3147,
63.7078


■ 95.3958, 128.5269,


85.5069


 122.2196,
161.5871, 111.7854


 5.9820, 11.3244,
3.5396


 5.9820, 11.3244,
3.5396


 5.8231, 11.2511,
3.1591

 6.2785, 11.4621,
4.2550

 6.6985, 11.6598,
5.1237

 7.2594, 11.9267,
6.1546

 7.9732, 12.2689,
7.3553

 8.8508, 12.6917,
8.7331

■ 9.9017, 13.2000,
10.2950

■ 11.1350, 13.7982,
12.0474

■ 12.5589, 14.4906,
13.9964

■ 14.1813, 15.2810,
16.1479

Harmonies

Analogous

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



8.2203, 11.3244, 1.3892



5.9820, 11.3244, 3.5396



5.0673, 11.3244, 9.8397

Triad

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



5.9820, 11.3244, 3.5396



9.8545, 11.3244, 46.3775



18.9176, 11.3244, 5.9684

Complementary

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



5.9820, 11.3244, 3.5396



7.9920, 4.0613, 8.1478

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.



19.6444, 11.3244, 15.2094



5.9820, 11.3244, 3.5396



13.7837, 11.3244, 43.0473

Square

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



5.9820, 11.3244, 3.5396



6.9390, 11.3244, 37.1693



17.5872, 11.3244, 29.6901



15.7848, 11.3244, 2.1129

Rectangle

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



5.9820, 11.3244, 3.5396



5.1356, 11.3244, 17.4066



17.5872, 11.3244, 29.6901



19.4771, 11.3244, 8.3515

Sweetspot

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



5.9823, 11.3249, 3.5399



18.4063, 23.6742, 19.5410



9.1409, 12.9856, 2.2258



4.1217, 5.4308, 4.3160



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.



5.9823, 11.3249, 3.5399



10.1790, 19.7395, 5.2994



7.3423, 11.8689, 10.7015



3.3801, 3.7772, 3.8080



6.9835, 13.5109, 3.7339



34.4621, 67.1735, 16.8846

Inverse Universe

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



7.9920, 4.0613, 8.1478



13.7210, 6.7930, 13.3136



6.7545, 3.5663, 1.6312



3.4763, 3.4382, 4.0349



9.4089, 4.6560, 9.2294



46.4880, 23.0405, 43.9635

Previews

White Background



This preview shows how the XYZ color 5.9820, 11.3244, 3.5396 looks on a white background.

Color Contrast Check

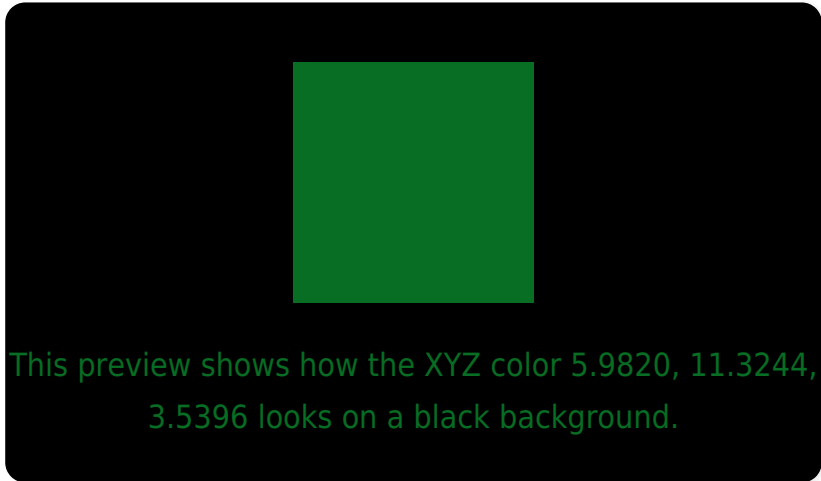
Large Text (above 18pt) WCAG AA ✓ Pass

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 5.9820, 11.3244, 3.5396

Background



This preview shows how black text looks on a background with the XYZ color 5.9820, 11.3244, 3.5396.



This preview shows how white text looks on a background with the XYZ color 5.9820, 11.3244,

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

5.9820, 11.3244, 3.5396

Protanopia

10.2968, 11.3529, 3.0151

Deuteranopia

11.4283, 11.2687, 3.8582



Tritanopia

8.8017, 11.4061, 16.7766

Trichromacy



Original Color

5.9820, 11.3244, 3.5396

Protanomaly

7.3575, 10.5262, 3.0828

Deuteranomaly

7.7183, 10.2804, 3.5850

Tritanomaly

7.3193, 11.2395, 10.1712

Monochromacy



Original Color

5.9820, 11.3244, 3.5396

Achromatopsia

5.9891, 6.3010, 6.8618

Achromatomaly

5.2311, 7.4309, 5.1616

CSS Examples

Text

The CSS property to change the color of the text to XYZ 5.9820, 11.3244, 3.5396 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(7, 110, 36)` looks like.

```
.text, #text, p{  
    color:rgb(7, 110, 36)  
}
```

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(7, 110, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 110, 36) }
```

Border

The CSS property to change the border of an element to XYZ 5.9820, 11.3244, 3.5396 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(7, 110, 36) }
```


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

```
.border{ border-color:rgb(7, 110, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 110, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 110, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 110, 36);  
box-shadow:4px 4px 4px 4px rgb(7, 110, 36)  
}
```

Background

The CSS property to change the background color of an element to XYZ 5.9820, 11.3244, 3.5396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 110, 36) }
```

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

```
.background{ background-color: rgb(7, 110,  
36) }
```

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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