

Converting Colors

XYZ(11.3163, 14.2678, 2.3585)

Have a look what the booklet for
XYZ(11.3163, 14.2678, 2.3585)
contains.

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Color

**XYZ(11.3163, 14.2678,
2.3585)**

Conversions

Conversions Part 1

Format	Color
Hex	676F07
RGB	103, 111, 7
RGB Percent	40%, 44%, 3%
CMY	0.5961, 0.5647, 0.9725
CMYK	0.07, 0.00, 0.94, 0.56
HSL	65°, 88%, 23%
HSV	65°, 94%, 44%
XYZ	11.3163, 14.2678, 2.3585
YIQ	96.7520, 28.6160, -34.0400

Conversions

Conversions Part 2

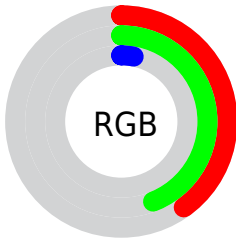
Format	Color
R_YB	7, 111, 15
Decimal	6778631
CIE Lab	44.61, -15.29, 48.76
CIE LCh	45, 51.099, 107.416
Yxy	14.2678, 0.4050, 0.5106
Android (android.graphics.Color)	4284968711 (0xFF676F07)
YUV	96.7520, -44.2477, 5.4795
Hunter-Lab	37.7727, -12.6257, 22.7389

Details

The XYZ color **11.3163, 14.2678, 2.3585** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3.1426, 1.4015, 15.1447**, and the grayscale version is **11.4020, 11.9958, 13.0634**.

A 20% lighter version of the original color is **27.7791, 33.3904, 9.9819**, and **3.1937, 4.2851, 0.6588** is the 20% darker color. If you saturate the color by 10%, you get **11.2166, 14.2213, 2.1538**, and if you desaturate by 10%, it is **11.4868, 14.3479, 2.7408**.

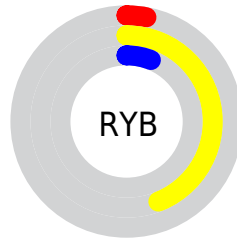
Distribution



Red (40%)

Green (44%)

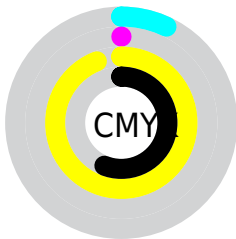
Blue (3%)



Red (3%)

Yellow (44%)

Blue (6%)

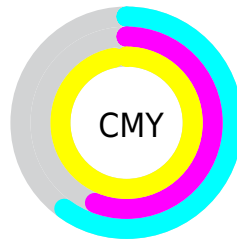


Cyan (7%)

Magenta (0%)

Yellow (94%)

Black (56%)



Cyan (60%)

Magenta (56%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3163, 14.2678, 2.3585 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 11.3163, 14.2678, 2.3585 by changing the saturation by 10% instead.

■ 11.3163, 14.2678,
2.3585

■ 11.3163, 14.2678,
2.3585

193.6887,
218.8905, 127.7164

■ 6.3489, 8.3072,
0.7637

■ 27.8714, 33.5634,
9.9996

■ 3.1010, 4.2921,
0.0000

■ 40.1897, 47.6672,
16.8966

■ 1.2074, 1.8383,
0.0000

■ 55.6891, 65.2542,
26.4025

■ 0.1122, 0.5109,
0.0000

■ 74.7349, 86.7088,
38.9360


■ 0.0000, 0.0000,
0.0000


■ 97.6923, 112.4153,
54.9156


■ 124.9269,


142.7581, 74.7599


 156.8039,
178.1218, 98.8873


 11.3163, 14.2678,
2.3585


 11.3163, 14.2678,
2.3585


 11.2166, 14.2213,
2.1538

 11.4868, 14.3479,
2.7408

 11.7006, 14.4449,
3.3472

 11.9650, 14.5623,
4.2151

 12.2848, 14.7019,
5.3694

 12.6643, 14.8656,
6.8325

■ 13.1072, 15.0547,
8.6244

■ 13.6170, 15.2707,
10.7633

■ 14.1970, 15.5149,
13.2663

■ 14.8501, 15.7885,
16.1493

Harmonies

Analogous

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



15.3696, 14.2678, 2.2198



11.3163, 14.2678, 2.3585



8.5058, 14.2678, 4.6545

Triad

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



11.3163, 14.2678, 2.3585



8.8581, 14.2678, 39.0785



22.9034, 14.2678, 21.0478

Complementary

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



11.3163, 14.2678, 2.3585



3.1426, 1.4015, 15.1447

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.



20.3037, 14.2678, 36.6196



11.3163, 14.2678, 2.3585



11.9003, 14.2678, 50.0769

Square

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



11.3163, 14.2678, 2.3585



7.2977, 14.2678, 23.4025



16.0847, 14.2678, 48.9998



22.6581, 14.2678, 9.6642

Rectangle

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



11.3163, 14.2678, 2.3585



7.4613, 14.2678, 8.3242



16.0847, 14.2678, 48.9998



22.3143, 14.2678, 26.0328

Sweetspot

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



11.3166, 14.2685, 2.3588



23.9037, 27.1408, 17.2499



6.7505, 3.7075, 0.5610



5.6694, 6.4893, 3.8382



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



11.3166, 14.2685, 2.3588



20.0366, 25.4397, 3.8543



7.1430, 12.1169, 2.1635



3.6178, 3.9038, 3.6362



13.2071, 16.7522, 2.5374



65.4625, 83.2812, 12.6246

Inverse Universe

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



3.1426, 1.4015, 15.1447



5.2784, 2.1276, 27.0622



5.1880, 2.4559, 15.2404



3.2392, 3.3116, 4.2227



3.4965, 1.4119, 17.8099



17.1118, 6.8758, 88.7044

Previews

White Background



This preview shows how the XYZ color 11.3163, 14.2678, 2.3585 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



This preview shows how the XYZ color 11.3163, 14.2678, 2.3585 looks on a 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 11.3163, 14.2678, 2.3585

Background



This preview shows how black text looks on a background with the XYZ color 11.3163, 14.2678, 2.3585.



This preview shows how white text looks on a background with the XYZ color 11.3163, 14.2678,

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

11.3163, 14.2678, 2.3585

Protanopia

12.7673, 14.2322, 2.1029

Deuteranopia

14.3476, 14.1479, 2.5907



Tritanopia

14.2750, 14.2277, 17.0328

Trichromacy



Original Color

11.3163, 14.2678, 2.3585

Protanomaly

12.1890, 14.2424, 2.1928

Deuteranomaly

13.0626, 14.0727, 2.4798

Tritanomaly

12.5410, 13.9773, 8.3402

Monochromacy



Original Color

11.3163, 14.2678, 2.3585

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

10.8224, 12.5256, 6.6978

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3163, 14.2678, 2.3585 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(103, 111, 7)` looks like.

```
.text, #text, p{  
    color:rgb(103, 111, 7)  
}
```

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(103, 111, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 111, 7) }
```

Border

The CSS property to change the border of an element to XYZ 11.3163, 14.2678, 2.3585 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(103, 111, 7) }
```


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

```
.border{ border-color:rgb(103, 111, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 111, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 111, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 111, 7);  
box-shadow:4px 4px 4px 4px rgb(103, 111,  
7) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3163, 14.2678, 2.3585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 111, 7) }
```

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

```
.background{ background-color: rgb(103,  
111, 7) }
```

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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