

Converting Colors

XYZ(11.4768, 15.3254, 7.2779)

Have a look what the booklet for
XYZ(11.4768, 15.3254, 7.2779)
contains.

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Color

**XYZ(11.4065, 15.2166,
7.1864)**

Conversions

Conversions Part 1

Format	Color
Hex	597540
RGB	89, 117, 64
RGB Percent	35%, 46%, 25%
CMY	0.6510, 0.5412, 0.7490
CMYK	0.24, 0.00, 0.45, 0.54
HSL	92°, 29%, 35%
HSV	92°, 45%, 46%
XYZ	11.4065, 15.2166, 7.1864
YIQ	102.5860, 0.3250, -22.4190

Conversions

Conversions Part 2

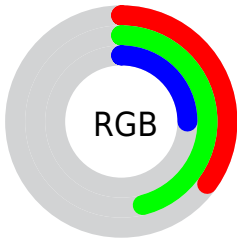
Format	Color
RYB	64, 117, 92
Decimal	5862720
CIELab	45.93, -20.31, 25.95
CIELCh	46, 32.953, 128.049
Yxy	15.2166, 0.3374, 0.4501
Android (android.graphics.Color)	4284052800 (0xFF597540)
YUV	102.5860, -19.0229, -11.9149
Hunter-Lab	39.0085, -16.0695, 16.3831

Details

The XYZ color **11.4065, 15.2166, 7.1864** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **9.4586, 7.2269, 17.7269**, and the grayscale version is **12.8317, 13.4999, 14.7014**.

A 20% lighter version of the original color is **27.9838, 35.1436, 20.9313**, and **3.1601, 4.7747, 1.3711** is the 20% darker color. If you saturate the color by 10%, you get **10.5395, 14.8046, 5.5866**, and if you desaturate by 10%, it is **12.3940, 15.6835, 9.1572**.

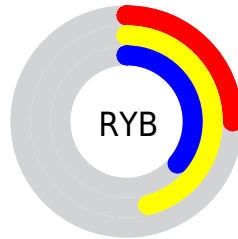
Distribution



Red (35%)

Green (46%)

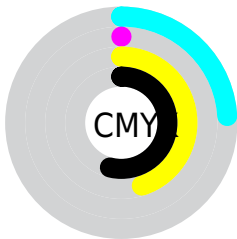
Blue (25%)



Red (25%)

Yellow (46%)

Blue (36%)

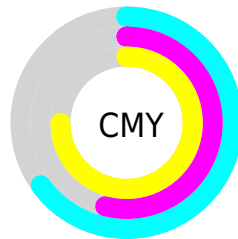


Cyan (24%)

Magenta (0%)

Yellow (45%)

Black (54%)



Cyan (65%)

Magenta (54%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4065, 15.2166, 7.1864 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 11.4065, 15.2166, 7.1864 by changing the saturation by 10% instead.

■ 11.4065, 15.2166,
7.1864

■ 11.4065, 15.2166,
7.1864

194.2868,
224.6735, 178.8930

■ 6.4103, 8.9715,
3.4987

■ 28.0358, 35.2327,
20.8665

■ 3.1391, 4.7226,
1.3546

■ 40.3995, 49.7726,
31.6959

■ 1.2278, 2.0855,
0.1059

■ 55.9498, 67.8461,
45.7431

■ 0.1281, 0.6564,
0.0000

■ 75.0520, 89.8378,
63.4264

■ 0.0000, 0.0000,
0.0000

■ 98.0714, 116.1320,
85.1646

■ 125.3735,

147.1131, 111.3760

157.3235,
183.1655, 142.4793

■ 11.4065, 15.2166,
7.1864

■ 11.4065, 15.2166,
7.1864

■ 10.5395, 14.8046,
5.5866

■ 12.3940, 15.6835,
9.1572

■ 9.7862, 14.4433,
4.3335

■ 13.5060, 16.2057,
11.5194

■ 9.1409, 14.1305,
3.4017

■ 14.7478, 16.7858,
14.2927

■ 8.5965, 13.8635,
2.7614

■ 16.1240, 17.4257,
17.4957

■ 8.1420, 13.6376,
2.3611

■ 17.6388, 18.1274,
21.1454

■ 7.9473, 13.5407,
2.1948

■ 19.2964, 18.8927,
25.2583

■ 21.1008, 19.7231,
29.8496

■ 23.0557, 20.6203,
34.9342

■ 25.1647, 21.5860,
40.5261

Harmonies

Analogous

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



13.7258, 15.2166, 5.5482



11.4065, 15.2166, 7.1864



10.0421, 15.2166, 11.4702

Triad

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



11.4065, 15.2166, 7.1864



12.5517, 15.2166, 35.2572



20.4410, 15.2166, 14.5119

Complementary

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



11.4065, 15.2166, 7.1864



9.4586, 7.2269, 17.7269

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.



20.0214, 15.2166, 22.9895



11.4065, 15.2166, 7.1864



15.2259, 15.2166, 36.8710

Square

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



11.4065, 15.2166, 7.1864



10.6417, 15.2166, 27.9351



18.0217, 15.2166, 31.8217



19.1042, 15.2166, 8.7982

Rectangle

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



11.4065, 15.2166, 7.1864



9.7431, 15.2166, 16.0515



18.0217, 15.2166, 31.8217



20.5036, 15.2166, 17.0960

Sweetspot

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



11.4069, 15.2173, 7.1867



26.6284, 30.1597, 26.0973



12.0361, 11.7005, 6.4748



6.0292, 6.8908, 5.7878



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



11.4069, 15.2173, 7.1867



18.8583, 26.5028, 9.9791



9.4269, 14.1936, 7.2263



3.7896, 4.1750, 3.9484



8.7380, 14.9090, 2.4172



41.6076, 72.1513, 11.7336

Inverse Universe

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



9.4586, 7.2269, 17.7269



14.9074, 10.3075, 31.3408



12.3293, 8.7128, 17.5914



3.6681, 3.6762, 4.6065



5.6959, 2.5277, 18.7302



26.7607, 11.8041, 91.2283

Previews

White Background



This preview shows how the XYZ color 11.4065, 15.2166, 7.1864 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 11.4065, 15.2166, 7.1864 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 11.4065, 15.2166, 7.1864

Background



This preview shows how black text looks on a background with the XYZ color 11.4065, 15.2166, 7.1864.



This preview shows how white text looks on a background with the XYZ color 11.4065, 15.2166,

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

11.4065, 15.2166, 7.1864

Protanopia

13.9187, 15.1961, 6.6144

Deuteranopia

15.3235, 15.1312, 7.4232



Tritanopia

13.9440, 15.2422, 19.6599

Trichromacy



Original Color

11.4065, 15.2166, 7.1864

Protanomaly

12.8480, 15.1243, 6.7995

Deuteranomaly

13.6545, 15.0436, 7.3383

Tritanomaly

12.7734, 15.0908, 14.0440

Monochromacy



Original Color

11.4065, 15.2166, 7.1864

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

12.2027, 14.0431, 11.5186

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4065, 15.2166, 7.1864 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(89, 117, 64)` looks like.

```
.text, #text, p{  
    color:rgb(89, 117, 64)  
}
```

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(89, 117, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 117, 64) }
```

Border

The CSS property to change the border of an element to XYZ 11.4065, 15.2166, 7.1864 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(89, 117, 64) }
```


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

```
.border{ border-color:rgb(89, 117, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 117, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 117, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 117, 64);  
box-shadow:4px 4px 4px 4px rgb(89, 117,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4065, 15.2166, 7.1864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 117, 64) }
```

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

```
.background{ background-color: rgb(89, 117,  
64) }
```

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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