

Converting Colors

XYZ(11.0959, 14.8813, 7.4884)

Have a look what the booklet for
XYZ(11.0959, 14.8813, 7.4884)
contains.

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Color

**XYZ(11.0665, 14.8626,
7.4398)**

Conversions

Conversions Part 1

Format	Color
Hex	567442
RGB	86, 116, 66
RGB Percent	34%, 45%, 26%
CMY	0.6627, 0.5451, 0.7412
CMYK	0.26, 0.00, 0.43, 0.55
HSL	96°, 27%, 36%
HSV	96°, 43%, 45%
XYZ	11.0665, 14.8626, 7.4398
YIQ	101.3300, -1.8300, -21.9100

Conversions

Conversions Part 2

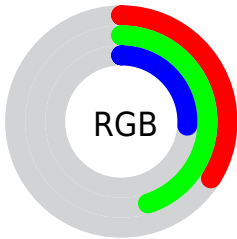
Format	Color
RYB	66, 116, 96
Decimal	5665858
CIELab	45.45, -20.70, 24.18
CIELCh	45, 31.826, 130.569
Yxy	14.8626, 0.3316, 0.4454
Android (android.graphics.Color)	4283855938 (0xFF567442)
YUV	101.3300, -17.4177, -13.4444
Hunter-Lab	38.5520, -16.2270, 15.5446

Details

The XYZ color **11.0665, 14.8626, 7.4398** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **9.9253, 7.6447, 17.4763**, and the grayscale version is **12.4994, 13.1503, 14.3207**.

A 20% lighter version of the original color is **27.4137, 34.5614, 21.4458**, and **3.0018, 4.6005, 1.4392** is the 20% darker color. If you saturate the color by 10%, you get **10.1487, 14.4255, 5.7892**, and if you desaturate by 10%, it is **12.1168, 15.3609, 9.4595**.

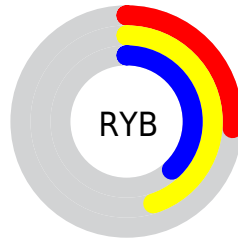
Distribution



Red (34%)

Green (45%)

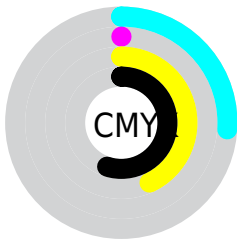
Blue (26%)



Red (26%)

Yellow (45%)

Blue (38%)

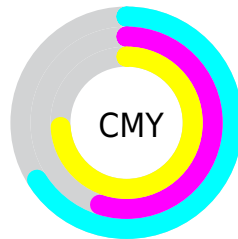


Cyan (26%)

Magenta (0%)

Yellow (43%)

Black (55%)



Cyan (66%)

Magenta (55%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0665, 14.8626, 7.4398 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 11.0665, 14.8626, 7.4398 by changing the saturation by 10% instead.

■ 11.0665, 14.8626,
7.4398

■ 11.0665, 14.8626,
7.4398

192.0221,
222.5331, 181.0369

■ 6.1792, 8.7230,
3.6561

■ 27.4149, 34.6120,
21.3804

■ 2.9960, 4.5610,
1.4386

■ 39.6068, 48.9905,
32.3743

■ 1.1517, 1.9920,
0.1716

■ 54.9642, 66.8842,
46.6088

■ 0.0677, 0.6028,
0.0000

■ 73.8525, 88.6774,
64.5022

■ 0.0000, 0.0000,
0.0000

■ 96.6371, 114.7545,
86.4732

■ 123.6833,

145.4998, 112.9403

155.3565,
181.2979, 144.3220

■ 11.0665, 14.8626,
7.4398

■ 11.0665, 14.8626,
7.4398

■ 10.1487, 14.4255,
5.7892

■ 12.1168, 15.3609,
9.4595

■ 9.3565, 14.0451,
4.4843

■ 13.3042, 15.9210,
11.8676

■ 8.6835, 13.7193,
3.5007

■ 14.6342, 16.5457,
14.6836

■ 8.1225, 13.4448,
2.8103

■ 16.1118, 17.2372,
17.9250

■ 7.6647, 13.2179,
2.3771

■ 17.7417, 17.9975,
21.6086

■ 7.3903, 13.0815,
2.1355

■ 19.5282, 18.8287,
25.7501

■ 21.4757, 19.7326,
30.3645

■ 23.5882, 20.7109,
35.4662

■ 25.8698, 21.7654,
41.0687

Harmonies

Analogous

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



13.2128, 14.8626, 5.6627



11.0665, 14.8626, 7.4398



9.8476, 14.8626, 11.7996

Triad

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



11.0665, 14.8626, 7.4398



12.4991, 14.8626, 34.2017



19.7473, 14.8626, 13.6524

Complementary

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



11.0665, 14.8626, 7.4398



9.9253, 7.6447, 17.4763

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.



19.4938, 14.8626, 21.5359



11.0665, 14.8626, 7.4398



15.0813, 14.8626, 35.1713

Square

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



11.0665, 14.8626, 7.4398



10.6004, 14.8626, 27.6423



17.7041, 14.8626, 29.9825



18.3588, 14.8626, 8.4299

Rectangle

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



11.0665, 14.8626, 7.4398



9.6215, 14.8626, 16.3281



17.7041, 14.8626, 29.9825



19.8552, 14.8626, 16.0384

Sweetspot

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



11.0669, 14.8632, 7.4401



25.6674, 29.0567, 25.6899



12.3694, 12.4728, 6.9101



6.0171, 6.8821, 5.9006



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.



11.0669, 14.8632, 7.4401



17.8068, 25.3409, 10.1207



9.6300, 14.1047, 8.1765



3.7664, 4.1631, 3.9473



8.2732, 14.6693, 2.3954



39.4043, 71.0154, 11.6305

Inverse Universe

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



9.9253, 7.6447, 17.4763



15.5025, 10.8125, 30.3145



12.0206, 8.7576, 16.0966



3.6916, 3.6883, 4.6076



6.3193, 2.8490, 18.7594



29.8086, 13.3754, 91.3709

Previews

White Background



This preview shows how the XYZ color 11.0665, 14.8626, 7.4398 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 11.0665, 14.8626, 7.4398 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 11.0665, 14.8626, 7.4398

Background



This preview shows how black text looks on a background with the XYZ color 11.0665, 14.8626, 7.4398.



This preview shows how white text looks on a background with the XYZ color 11.0665, 14.8626,

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

11.0665, 14.8626, 7.4398

Protanopia

13.6261, 14.7258, 6.8268

Deuteranopia

14.9777, 14.7973, 7.6970



Tritanopia

13.5218, 14.8635, 19.6090

Trichromacy



Original Color

11.0665, 14.8626, 7.4398

Protanomaly

12.4452, 14.5862, 7.0100

Deuteranomaly

13.2160, 14.6532, 7.6006

Tritanomaly

12.4088, 14.7326, 14.2463

Monochromacy



Original Color

11.0665, 14.8626, 7.4398

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

11.7394, 13.4994, 11.2194

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0665, 14.8626, 7.4398 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(86, 116, 66)` looks like.

```
.text, #text, p{  
    color:rgb(86, 116, 66)  
}
```

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(86, 116, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 116, 66) }
```

Border

The CSS property to change the border of an element to XYZ 11.0665, 14.8626, 7.4398 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(86, 116, 66) }
```


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

```
.border{ border-color:rgb(86, 116, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 116, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 116, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 116, 66);  
box-shadow:4px 4px 4px 4px rgb(86, 116,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0665, 14.8626, 7.4398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 116, 66) }
```

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

```
.background{ background-color: rgb(86, 116,  
66) }
```

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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