

Converting Colors

XYZ(13.8370, 14.1244, 11.1647)

Have a look what the booklet for
XYZ(13.8370, 14.1244, 11.1647)
contains.

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Color

**XYZ(13.8142, 14.1181,
11.2295)**

Conversions

Conversions Part 1

Format	Color
Hex	746758
RGB	116, 103, 88
RGB Percent	45%, 40%, 35%
CMY	0.5451, 0.5961, 0.6549
CMYK	0.00, 0.11, 0.24, 0.55
HSL	32°, 14%, 40%
HSV	32°, 24%, 45%
XYZ	13.8142, 14.1181, 11.2295
YIQ	105.1770, 12.5630, -1.9090

Conversions

Conversions Part 2

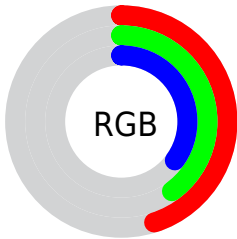
Format	Color
R_{YB}	112, 116, 88
Decimal	7628632
CIE _{Lab}	44.40, 2.53, 10.35
CIE _{LCh}	44, 10.655, 76.251
Yxy	14.1181, 0.3527, 0.3605
Android (android.graphics.Color)	4285818712 (0xFF746758)
YUV	105.1770, -8.4683, 9.4918
Hunter-Lab	37.5741, -0.1286, 8.5822

Details

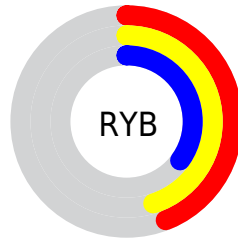
The XYZ color **13.8142, 14.1181, 11.2295** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.8305, 12.6428, 18.3399**, and the grayscale version is **13.4954, 14.1982, 15.4619**.

A 20% lighter version of the original color is **32.2915, 33.2710, 28.7648**, and **4.1650, 4.1961, 2.8759** is the 20% darker color. If you saturate the color by 10%, you get **12.8531, 12.9045, 8.7242**, and if you desaturate by 10%, it is **14.8871, 15.4325, 14.1497**.

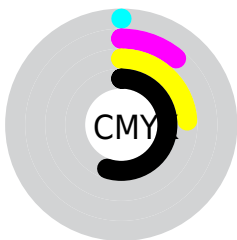
Distribution



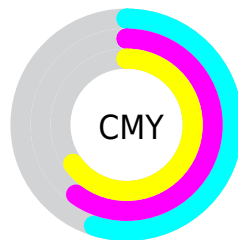
- Red (45%)
- Green (40%)
- Blue (35%)



- Red (44%)
- Yellow (45%)
- Blue (35%)



- Cyan (0%)
- Magenta (11%)
- Yellow (24%)
- Black (55%)



- Cyan (55%)
- Magenta (60%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.8142, 14.1181, 11.2295 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 13.8142, 14.1181, 11.2295 by changing the saturation by 10% instead.

■ 13.8142, 14.1181,
11.2295

■ 13.8142, 14.1181,
11.2295

209.6057,
217.9643, 210.0290

■ 8.0724, 8.2029,
6.1053

■ 32.3480, 33.2984,
28.7269

■ 4.1935, 4.2250,
2.8394

■ 45.8707, 47.3323,
41.9372

■ 1.8122, 1.8002,
1.0132

■ 62.7178, 64.8412,
58.6799

■ 0.5250, 0.4873,
0.0000

■ 83.2545, 86.2094,
79.3736

■ 0.0000, 0.0000,
0.0000

■ 107.8464,
111.8215, 104.4368

136.8586,

142.0617, 134.2881

170.6566,
177.3145, 169.3460

■ 13.8142, 14.1181,
11.2295

■ 13.8142, 14.1181,
11.2295

■ 12.8531, 12.9045,
8.7242

■ 14.8871, 15.4325,
14.1497

■ 11.9983, 11.7872,
6.6136

■ 16.0746, 16.8486,
17.5019

■ 11.2457, 10.7638,
4.8773

■ 17.3808, 18.3693,
21.3032

■ 10.5904, 9.8314,
3.4927

■ 18.8094, 19.9971,
25.5697

■ 10.0268, 8.9866,
2.4345

■ 20.3639, 21.7342,
30.3164

■ 9.5489, 8.2257,
1.6740

■ 22.0473, 23.5830,
35.5580

■ 9.1479, 7.5442,
1.1693

■ 23.8631, 25.5456,
41.3083

■ 8.9335, 7.1749,
0.9141

■ 25.8141, 27.6239,
47.5807

■ 27.9033, 29.8202,
54.3879

Harmonies

Analogous

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



14.5906, 14.1181, 12.2095



13.8142, 14.1181, 11.2295



12.9630, 14.1181, 11.2728

Triad

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



13.8142, 14.1181, 11.2295



11.8985, 14.1181, 16.7308



14.6445, 14.1181, 18.8712

Complementary

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



13.8142, 14.1181, 11.2295



11.8305, 12.6428, 18.3399

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.



13.8852, 14.1181, 20.3615



13.8142, 14.1181, 11.2295



12.3115, 14.1181, 19.0387

Square

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



13.8142, 14.1181, 11.2295



11.8813, 14.1181, 14.2779



13.0311, 14.1181, 20.4259



15.0836, 14.1181, 16.5211

Rectangle

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



13.8142, 14.1181, 11.2295



12.4680, 14.1181, 11.8725



13.0311, 14.1181, 20.4259



14.4168, 14.1181, 19.4998

Sweetspot

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



13.8146, 14.1187, 11.2298



27.5996, 28.8406, 28.8916



13.0446, 11.6335, 13.8872



6.5640, 6.8562, 6.8349



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.



13.8146, 14.1187, 11.2298



23.3138, 23.6022, 17.1871



15.0860, 16.8449, 11.6890



3.8313, 3.9955, 3.9116



10.0067, 8.0145, 1.0196



47.8992, 37.3269, 4.6802

Inverse Universe

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



11.8305, 12.6428, 18.3399



19.1819, 20.5287, 31.9960



10.7557, 10.3612, 17.9562



3.6277, 3.8441, 4.6410



4.9919, 4.3234, 19.1140



23.4855, 19.3876, 92.8647

Previews

White Background



This preview shows how the XYZ color 13.8142, 14.1181, 11.2295 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 13.8142, 14.1181, 11.2295 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 13.8142, 14.1181, 11.2295

Background



This preview shows how black text looks on a background with the XYZ color 13.8142, 14.1181, 11.2295.



This preview shows how white text looks on a background with the XYZ color 13.8142, 14.1181,

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

13.8142, 14.1181, 11.2295

Protanopia

13.4103, 14.2039, 11.4860

Deuteranopia

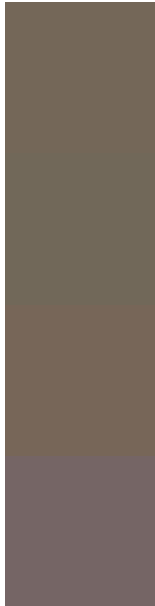
14.3003, 14.0769, 11.1959



Tritanopia

14.7352, 14.0486, 16.1224

Trichromacy



Original Color

13.8142, 14.1181, 11.2295

Protanomaly

13.5635, 14.1326, 11.4642

Deuteranomaly

14.1206, 14.1293, 11.2155

Tritanomaly

14.3388, 14.0289, 14.2640

Monochromacy



Original Color

13.8142, 14.1181, 11.2295

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.5091, 14.0527, 13.8048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.8142, 14.1181, 11.2295 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(116, 103, 88)` looks like.

```
.text, #text, p{  
    color:rgb(116, 103, 88)  
}
```

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(116, 103, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 103, 88) }
```

Border

The CSS property to change the border of an element to XYZ 13.8142, 14.1181, 11.2295 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(116, 103, 88) }
```


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

```
.border{ border-color:rgb(116, 103, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 103, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 103, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 103, 88);  
box-shadow:4px 4px 4px 4px rgb(116, 103,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 13.8142, 14.1181, 11.2295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 103, 88) }
```

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

```
.background{ background-color: rgb(116,  
103, 88) }
```

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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