

Converting Colors

XYZ(14.0589, 16.0873, 11.8826)

Have a look what the booklet for
XYZ(14.0589, 16.0873, 11.8826)
contains.

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Color

**XYZ(14.1182, 16.1709,
11.8284)**

Conversions

Conversions Part 1

Format	Color
Hex	6C7359
RGB	108, 115, 89
RGB Percent	42%, 45%, 35%
CMY	0.5765, 0.5490, 0.6510
CMYK	0.06, 0.00, 0.23, 0.55
HSL	76°, 13%, 40%
HSV	76°, 23%, 45%
XYZ	14.1182, 16.1709, 11.8284
YIQ	109.9430, 4.1740, -9.5700

Conversions

Conversions Part 2

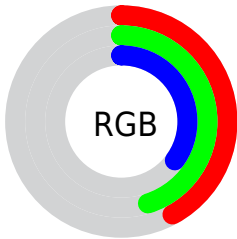
Format	Color
RYB	89, 115, 96
Decimal	7107417
CIELab	47.20, -7.61, 13.53
CIELCh	47, 15.523, 119.338
Yxy	16.1709, 0.3352, 0.3839
Android (android.graphics.Color)	4285297497 (0xFF6C7359)
YUV	109.9430, -10.3249, -1.7040
Hunter-Lab	40.2131, -7.7042, 10.7094

Details

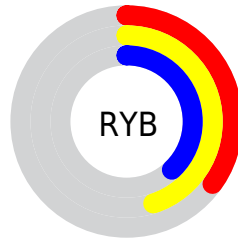
The XYZ color **14.1182, 16.1709, 11.8284** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **11.4915, 10.8699, 17.7130**, and the grayscale version is **14.8328, 15.6053, 16.9942**.

A 20% lighter version of the original color is **32.9761, 36.9751, 29.8250**, and **4.3067, 5.1494, 3.0524** is the 20% darker color. If you saturate the color by 10%, you get **13.3026, 15.8025, 9.4633**, and if you desaturate by 10%, it is **15.0235, 16.5779, 14.5923**.

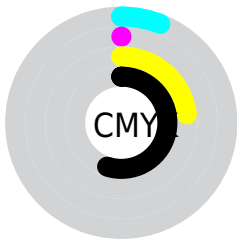
Distribution



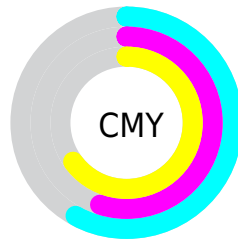
- Red (42%)
- Green (45%)
- Blue (35%)



- Red (35%)
- Yellow (45%)
- Blue (38%)



- Cyan (6%)
- Magenta (0%)
- Yellow (23%)
- Black (55%)



- Cyan (58%)
- Magenta (55%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1182, 16.1709, 11.8284 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 14.1182, 16.1709, 11.8284 by changing the saturation by 10% instead.

■ 14.1182, 16.1709,
11.8284

■ 14.1182, 16.1709,
11.8284

211.4608,
230.3481, 214.2034

■ 8.2852, 9.6452,
6.5058

■ 32.8831, 36.8946,
29.8419

■ 4.3313, 5.1643,
3.0813

■ 46.5457, 51.8614,
43.3699

■ 1.8912, 2.3440,
1.1363

■ 63.5489, 70.4107,
60.4701

■ 0.5717, 0.7969,
0.0000

■ 84.2580, 92.9269,
81.5611

■ 0.0000, 0.0000,
0.0000

■ 109.0384,
119.7943, 107.0613

138.2554,

151.3973, 137.3895

172.2745,
188.1205, 172.9639

■ 14.1182, 16.1709,
11.8284

■ 14.1182, 16.1709,
11.8284

■ 13.3026, 15.8025,
9.4633

■ 15.0235, 16.5779,
14.5923

■ 12.5719, 15.4689,
7.4775

■ 16.0206, 17.0226,
17.7711

■ 11.9224, 15.1694,
5.8516

■ 17.1132, 17.5071,
21.3813

■ 11.3500, 14.9023,
4.5637

■ 18.3044, 18.0325,
25.4384

■ 10.8500, 14.6656,
3.5900

■ 19.5969, 18.6002,
29.9569

■ 10.4171, 14.4571,
2.9032

■ 20.9936, 19.2111,
34.9508

■ 10.0447, 14.2743,
2.4699

■ 22.4972, 19.8665,
40.4332

■ 9.7897, 14.1483,
2.2149

■ 24.1101, 20.5672,
46.4172

■ 25.8350, 21.3143,
52.9149

Harmonies

Analogous

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



15.4004, 16.1709, 11.1038



14.1182, 16.1709, 11.8284



13.2188, 16.1709, 14.0418

Triad

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



14.1182, 16.1709, 11.8284



14.0685, 16.1709, 24.9059



18.1498, 16.1709, 17.6945

Complementary

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



14.1182, 16.1709, 11.8284



11.4915, 10.8699, 17.7130

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.



17.7427, 16.1709, 21.7305



14.1182, 16.1709, 11.8284



15.3396, 16.1709, 26.2546

Square

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



14.1182, 16.1709, 11.8284



13.1913, 16.1709, 21.5576



16.6936, 16.1709, 25.0157



17.7762, 16.1709, 14.1718

Rectangle

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



14.1182, 16.1709, 11.8284



12.9297, 16.1709, 16.2515



16.6936, 16.1709, 25.0157



18.0994, 16.1709, 19.0367

Sweetspot

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



14.1186, 16.1716, 11.8287



27.8488, 30.1075, 29.1230



13.0508, 12.7202, 11.2188



6.6266, 7.1749, 6.8931



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.



14.1186, 16.1716, 11.8287



24.5161, 28.6115, 18.9334



12.6607, 15.4200, 11.7605



3.8751, 4.2191, 3.9524



11.1702, 16.1628, 2.5310



53.5858, 78.3263, 12.2942

Inverse Universe

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



11.4915, 10.8699, 17.7130



18.9517, 17.3797, 31.4003



12.9660, 11.6300, 17.7820



3.5847, 3.6332, 4.6026



4.1639, 1.7379, 18.6586



19.5756, 8.1001, 90.8920

Previews

White Background



This preview shows how the XYZ color 14.1182, 16.1709, 11.8284 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 14.1182, 16.1709, 11.8284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

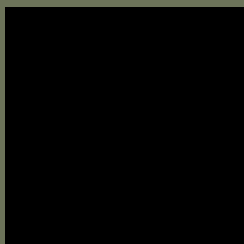
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

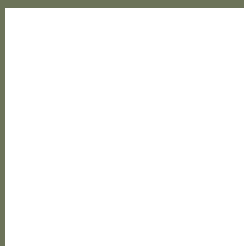
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.1182, 16.1709, 11.8284

Background



This preview shows how black text looks on a background with the XYZ color 14.1182, 16.1709, 11.8284.



This preview shows how white text looks on a background with the XYZ color 14.1182, 16.1709,

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

14.1182, 16.1709, 11.8284

Protanopia

15.1222, 16.1984, 11.3464

Deuteranopia

16.3519, 16.0165, 12.1272



Tritanopia

15.7567, 16.1697, 20.0599

Trichromacy



Original Color

14.1182, 16.1709, 11.8284

Protanomaly

14.7368, 16.1597, 11.5749

Deuteranomaly

15.4474, 16.0276, 11.9523

Tritanomaly

15.1100, 16.0720, 16.7738

Monochromacy



Original Color

14.1182, 16.1709, 11.8284

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.4991, 15.7989, 14.8557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1182, 16.1709, 11.8284 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(108, 115, 89)` looks like.

```
.text, #text, p{  
    color:rgb(108, 115, 89)  
}
```

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(108, 115, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 115, 89) }
```

Border

The CSS property to change the border of an element to XYZ 14.1182, 16.1709, 11.8284 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(108, 115, 89) }
```


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

```
.border{ border-color:rgb(108, 115, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 115, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 115, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 115, 89);  
box-shadow:4px 4px 4px 4px rgb(108, 115,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1182, 16.1709, 11.8284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 115, 89) }
```

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

```
.background{ background-color: rgb(108,  
115, 89) }
```

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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