

Converting Colors

XYZ(11.8080, 14.4219, 2.7514)

Have a look what the booklet for
XYZ(11.8080, 14.4219, 2.7514)
contains.

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Color

**XYZ(11.7485, 14.3213,
2.7173)**

Conversions

Conversions Part 1

Format	Color
Hex	6B6E12
RGB	107, 110, 18
RGB Percent	42%, 43%, 7%
CMY	0.5804, 0.5686, 0.9294
CMYK	0.03, 0.00, 0.84, 0.57
HSL	62°, 72%, 25%
HSV	62°, 84%, 43%
XYZ	11.7485, 14.3213, 2.7173
YIQ	98.6150, 27.7440, -29.2480

Conversions

Conversions Part 2

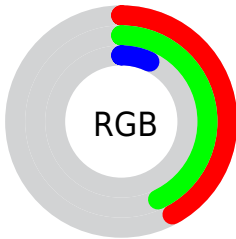
Format	Color
RYB	18, 110, 21
Decimal	7040530
CIELab	44.69, -12.53, 46.19
CIELCh	45, 47.861, 105.174
Yxy	14.3213, 0.4081, 0.4975
Android (android.graphics.Color)	4285230610 (0xFF6B6E12)
YUV	98.6150, -39.7432, 7.3536
Hunter-Lab	37.8435, -10.8108, 22.2332

Details

The XYZ color **11.7485, 14.3213, 2.7173** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3.3404, 1.7181, 14.9083**, and the grayscale version is **11.8550, 12.4724, 13.5825**.

A 20% lighter version of the original color is **28.5801, 33.5217, 10.9252**, and **3.4084, 4.3958, 0.6688** is the 20% darker color. If you saturate the color by 10%, you get **11.6349, 14.2714, 2.3425**, and if you desaturate by 10%, it is **11.9047, 14.3893, 3.3126**.

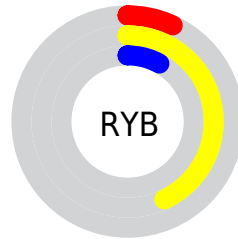
Distribution



Red (42%)

Green (43%)

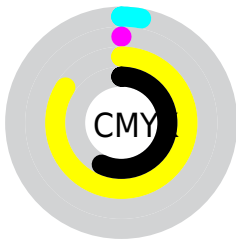
Blue (7%)



Red (7%)

Yellow (43%)

Blue (8%)

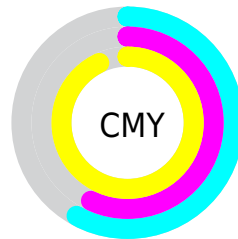


Cyan (3%)

Magenta (0%)

Yellow (84%)

Black (57%)



Cyan (58%)

Magenta (57%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.7485, 14.3213, 2.7173 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 11.7485, 14.3213, 2.7173 by changing the saturation by 10% instead.

■ 11.7485, 14.3213,
2.7173

■ 11.7485, 14.3213,
2.7173

196.5372,
219.2206, 132.6744

■ 6.6436, 8.3445,
0.9521

■ 28.6571, 33.6580,
10.9225

■ 3.2846, 4.3162,
0.0000

■ 41.1915, 47.7868,
18.1997

■ 1.3060, 1.8519,
0.0000

■ 56.9331, 65.4016,
28.1512

■ 0.1877, 0.5192,
0.0000


■ 76.2473, 86.8868,
41.1958


■ 0.0000, 0.0000,
0.0000


■ 99.4995, 112.6270,
57.7518


■ 127.0550,


143.0064, 78.2379


 159.2791,
178.4095, 103.0726


 11.7485, 14.3213,
2.7173


 11.7485, 14.3213,
2.7173


 11.6349, 14.2714,
2.3425


 11.9047, 14.3893,
3.3126

 11.5692, 14.2420,
2.1392

 12.1094, 14.4762,
4.1638

 12.3676, 14.5845,
5.2957

 12.6834, 14.7159,
6.7300

 13.0605, 14.8718,
8.4863

■ 13.5024, 15.0537,
10.5825

■ 14.0121, 15.2627,
13.0352

■ 14.5926, 15.5000,
15.8599

■ 15.2467, 15.7669,
19.0712

Harmonies

Analogous

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



15.6146, 14.3213, 2.7068



11.7485, 14.3213, 2.7173



8.9708, 14.3213, 4.8505

Triad

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



11.7485, 14.3213, 2.7173



8.9952, 14.3213, 36.2249



22.1872, 14.3213, 21.7344

Complementary

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



11.7485, 14.3213, 2.7173



3.3404, 1.7181, 14.9083

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.



19.6283, 14.3213, 36.0638



11.7485, 14.3213, 2.7173



11.7883, 14.3213, 46.7722

Square

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



11.7485, 14.3213, 2.7173



7.5995, 14.3213, 21.8915



15.6627, 14.3213, 46.7023



22.1709, 14.3213, 10.6365

Rectangle

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



11.7485, 14.3213, 2.7173



7.8948, 14.3213, 8.2245



15.6627, 14.3213, 46.7023



21.5810, 14.3213, 26.4129

Sweetspot

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



11.7488, 14.3220, 2.7176



23.5443, 26.3671, 17.7860



6.7820, 3.8430, 0.9567



5.4307, 6.1159, 3.9096



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



11.7488, 14.3220, 2.7176



20.2966, 25.0000, 3.7557



7.7017, 12.2356, 2.5282



3.6316, 3.9110, 3.6368



13.8926, 17.1056, 2.5695



69.0576, 85.1345, 12.7929

Inverse Universe

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



3.3404, 1.7181, 14.9083



5.0011, 2.0072, 26.0311



5.2467, 2.7008, 14.9975



3.2268, 3.3052, 4.2221



3.4300, 1.3777, 17.8067



16.9437, 6.7891, 88.6965

Previews

White Background



This preview shows how the XYZ color 11.7485, 14.3213, 2.7173 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 11.7485, 14.3213, 2.7173 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 11.7485, 14.3213, 2.7173

Background



This preview shows how black text looks on a background with the XYZ color 11.7485, 14.3213, 2.7173.



This preview shows how white text looks on a background with the XYZ color 11.7485, 14.3213,

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

11.7485, 14.3213, 2.7173

Protanopia

12.8630, 14.2705, 2.6068

Deuteranopia

14.3949, 14.1668, 2.8399



Tritanopia

14.5053, 14.2059, 16.7294

Trichromacy



Original Color

11.7485, 14.3213, 2.7173

Protanomaly

12.4291, 14.2007, 2.6162

Deuteranomaly

13.4073, 14.2436, 2.8017

Tritanomaly

12.9467, 14.0185, 9.0447

Monochromacy



Original Color

11.7485, 14.3213, 2.7173

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.4352, 12.9675, 7.6946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.7485, 14.3213, 2.7173 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(107, 110, 18)` looks like.

```
.text, #text, p{  
    color:rgb(107, 110, 18)  
}
```

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(107, 110, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 110, 18) }
```

Border

The CSS property to change the border of an element to XYZ 11.7485, 14.3213, 2.7173 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(107, 110, 18) }
```


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

```
.border{ border-color:rgb(107, 110, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 110, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 110, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 110, 18);  
box-shadow:4px 4px 4px 4px rgb(107, 110,  
18) }
```

Background

The CSS property to change the background color of an element to XYZ 11.7485, 14.3213, 2.7173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 110, 18) }
```

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

```
.background{ background-color: rgb(107,  
110, 18) }
```

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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