

Converting Colors

XYZ(11.8884, 14.9286, 2.2549)

Have a look what the booklet for
XYZ(11.8884, 14.9286, 2.2549)
contains.

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Color

**XYZ(11.8490, 14.8744,
2.2465)**

Conversions

Conversions Part 1

Format	Color
Hex	6A7100
RGB	106, 113, 0
RGB Percent	42%, 44%, 0%
CMY	0.5843, 0.5569, 1.0000
CMYK	0.06, 0.00, 1.00, 0.56
HSL	64°, 100%, 22%
HSV	64°, 100%, 44%
XYZ	11.8490, 14.8744, 2.2465
YIQ	98.0250, 32.1010, -36.6270

Conversions

Conversions Part 2

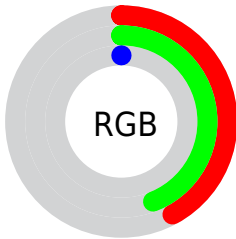
Format	Color
RYB	0, 113, 7
Decimal	6975744
CIELab	45.46, -15.14, 51.11
CIELCh	45, 53.310, 106.504
Yxy	14.8744, 0.4090, 0.5134
Android (android.graphics.Color)	4285165824 (0xFF6A7100)
YUV	98.0250, -48.3263, 6.9941
Hunter-Lab	38.5673, -12.6525, 23.5436

Details

The XYZ color **11.8490, 14.8744, 2.2465** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3.0686, 1.2377, 15.7008**, and the grayscale version is **11.7271, 12.3378, 13.4359**.

A 20% lighter version of the original color is **28.8218, 34.7317, 9.7422**, and **3.4658, 4.5928, 0.7038** is the 20% darker color. If you saturate the color by 10%, you get **11.8493, 14.8751, 2.2467**, and if you desaturate by 10%, it is **11.9951, 14.9430, 2.5781**.

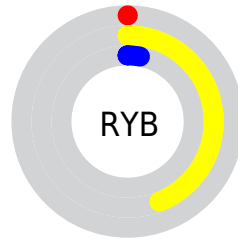
Distribution



Red (42%)

Green (44%)

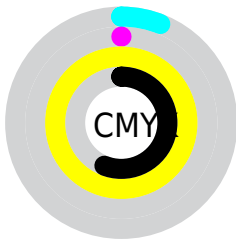
Blue (0%)



Red (0%)

Yellow (44%)

Blue (3%)

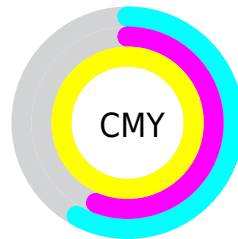


Cyan (6%)

Magenta (0%)

Yellow (100%)

Black (56%)



Cyan (58%)

Magenta (56%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.8490, 14.8744, 2.2465 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 11.8490, 14.8744, 2.2465 by changing the saturation by 10% instead.

■ 11.8490, 14.8744,
2.2465

■ 11.8490, 14.8744,
2.2465

197.1935,
222.6047, 126.0941

■ 6.7124, 8.7313,
0.7010

■ 28.8390, 34.6327,
9.7044

■ 3.3276, 4.5663,
0.0000

■ 41.4232, 49.0167,
16.4771

■ 1.3293, 1.9951,
0.0000

■ 57.2206, 66.9164,
25.8370

■ 0.2050, 0.6046,
0.0000

■ 76.5966, 88.7162,
38.2027


■ 0.0000, 0.0000,
0.0000


■ 99.9165, 114.8005,
53.9928


■ 127.5457,


145.5538, 73.6256


 159.8496,
181.3604, 97.5199


 11.8490, 14.8744,
2.2465


 11.8490, 14.8744,
2.2465


 11.8493, 14.8751,
2.2467

 11.9951, 14.9430,
2.5781

 12.1679, 15.0219,
3.0483

 12.3895, 15.1203,
3.7718

 12.6653, 15.2406,
4.7777

 13.0003, 15.3845,
6.0910

■ 13.3985, 15.5539,
7.7340

■ 13.8639, 15.7502,
9.7270

■ 14.4000, 15.9748,
12.0886

■ 15.0100, 16.2291,
14.8360

Harmonies

Analogous

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



16.2245, 14.8744, 2.1587



11.8490, 14.8744, 2.2465



8.8061, 14.8744, 4.5248

Triad

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



11.8490, 14.8744, 2.2465



9.0392, 14.8744, 41.1857



24.1667, 14.8744, 22.5960

Complementary

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



11.8490, 14.8744, 2.2465



3.0686, 1.2377, 15.7008

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.



21.2768, 14.8744, 39.5180



11.8490, 14.8744, 2.2465



12.2380, 14.8744, 53.4869

Square

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



11.8490, 14.8744, 2.2465



7.4318, 14.8744, 24.1794



16.7036, 14.8744, 52.7536



24.0013, 14.8744, 10.1969

Rectangle

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



11.8490, 14.8744, 2.2465



7.6661, 14.8744, 8.2746



16.7036, 14.8744, 52.7536



23.4982, 14.8744, 28.0259

Sweetspot

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



11.8493, 14.8751, 2.2468



24.7526, 28.1718, 17.1050



6.8718, 3.6337, 0.3393



5.6601, 6.4881, 3.6781



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



11.8493, 14.8751, 2.2468



21.1773, 26.6145, 4.0210



7.2634, 12.5109, 2.0322



3.6225, 3.9062, 3.6364



13.4344, 16.8694, 2.5481



66.6533, 83.8951, 12.6804

Inverse Universe

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



3.0686, 1.2377, 15.7008



5.4521, 2.1941, 28.1116



4.9771, 2.2216, 15.7901



3.2350, 3.3094, 4.2225



3.4740, 1.4004, 17.8088



17.0450, 6.8414, 88.7013

Previews

White Background



This preview shows how the XYZ color 11.8490, 14.8744, 2.2465 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 11.8490, 14.8744, 2.2465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

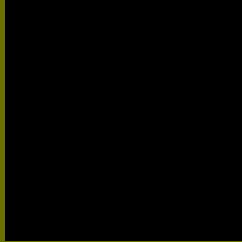
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.8490, 14.8744, 2.2465

Background



This preview shows how black text looks on a background with the XYZ color 11.8490, 14.8744, 2.2465.



This preview shows how white text looks on a background with the XYZ color 11.8490, 14.8744,

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

11.8490, 14.8744, 2.2465

Protanopia

13.2477, 14.7901, 2.1565

Deuteranopia

15.0139, 14.7807, 2.6339



Tritanopia

14.9716, 14.8728, 17.7044

Trichromacy



Original Color

11.8490, 14.8744, 2.2465

Protanomaly

12.7784, 14.8649, 2.1957

Deuteranomaly

13.6719, 14.6922, 2.4319

Tritanomaly

13.0878, 14.5725, 8.2539

Monochromacy



Original Color

11.8490, 14.8744, 2.2465

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.0866, 12.8150, 6.4466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.8490, 14.8744, 2.2465 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(106, 113, 0)` looks like.

```
.text, #text, p{  
    color:rgb(106, 113, 0)  
}
```

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(106, 113, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 113, 0) }
```

Border

The CSS property to change the border of an element to XYZ 11.8490, 14.8744, 2.2465 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(106, 113, 0) }
```


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

```
.border{ border-color:rgb(106, 113, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 113, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 113, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 113, 0);  
box-shadow:4px 4px 4px 4px rgb(106, 113,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 11.8490, 14.8744, 2.2465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 113, 0) }
```

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

```
.background{ background-color: rgb(106,  
113, 0) }
```

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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