

Converting Colors

XYZ(11.4684, 12.6655, 2.3706)

Have a look what the booklet for
XYZ(11.4684, 12.6655, 2.3706)
contains.

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Color

**XYZ(11.4684, 12.6655,
2.3706)**

Conversions

Conversions Part 1

Format	Color
Hex	716411
RGB	113, 100, 17
RGB Percent	44%, 39%, 7%
CMY	0.5569, 0.6078, 0.9333
CMYK	0.00, 0.12, 0.85, 0.56
HSL	52°, 74%, 25%
HSV	52°, 85%, 44%
XYZ	11.4684, 12.6655, 2.3706
YIQ	94.4250, 34.3910, -23.0570

Conversions

Conversions Part 2

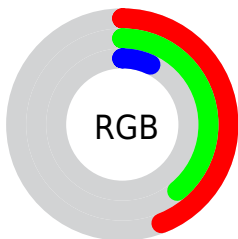
Format	Color
R_{YB}	32, 113, 17
Decimal	7431185
CIE Lab	42.25, -4.03, 44.59
CIE LCh	42, 44.774, 95.159
Yxy	12.6655, 0.4327, 0.4779
Android (android.graphics.Color)	4285621265 (0xFF716411)
YUV	94.4250, -38.1705, 16.2903
Hunter-Lab	35.5886, -4.7586, 20.9627

Details

The XYZ color **11.4684, 12.6655, 2.3706** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3.6762, 2.2401, 15.8613**, and the grayscale version is **10.8226, 11.3862, 12.3996**.

A 20% lighter version of the original color is **28.2892, 30.8877, 10.1011**, and **3.3058, 3.6625, 0.5327** is the 20% darker color. If you saturate the color by 10%, you get **11.2534, 12.3474, 1.9540**, and if you desaturate by 10%, it is **11.7289, 13.0072, 3.0103**.

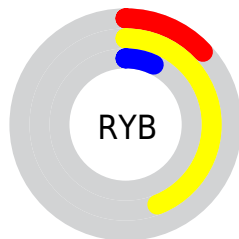
Distribution



Red (44%)

Green (39%)

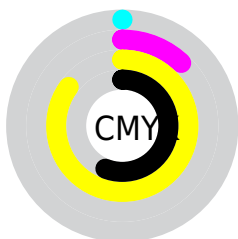
Blue (7%)



Red (13%)

Yellow (44%)

Blue (7%)

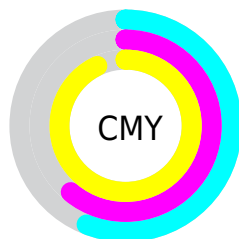


Cyan (0%)

Magenta (12%)

Yellow (85%)

Black (56%)



Cyan (56%)

Magenta (61%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4684, 12.6655, 2.3706 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 11.4684, 12.6655, 2.3706 by changing the saturation by 10% instead.

■ 11.4684, 12.6655,
2.3706

■ 11.4684, 12.6655,
2.3706

194.6961,
208.7626, 127.8893

■ 6.4524, 7.1986,
0.7704

■ 28.1485, 30.7015,
10.0313

■ 3.1653, 3.5866,
0.0000

■ 40.5433, 44.0394,
16.9415

■ 1.2418, 1.4451,
0.0000

■ 56.1284, 60.7698,
26.4630

■ 0.1390, 0.2496,
0.0000

■ 75.2692, 81.2771,
39.0144


■ 0.0000, 0.0000,
0.0000


■ 98.3310, 105.9456,
55.0142


■ 125.6792,


135.1598, 74.8809


 157.6791,
169.3040, 99.0331


 11.4684, 12.6655,
2.3706


 11.4684, 12.6655,
2.3706


 11.2534, 12.3474,
1.9540


 11.7289, 13.0072,
3.0103

 11.1497, 12.1902,
1.7653

 12.0428, 13.3742,
3.9192

 12.4156, 13.7692,
5.1243

 12.8518, 14.1941,
6.6493

 13.3554, 14.6504,
8.5153

■ 13.9301, 15.1397,
10.7418

■ 14.5792, 15.6633,
13.3465

■ 15.3061, 16.2226,
16.3464

■ 16.1137, 16.8188,
19.7570

Harmonies

Analogous

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



14.9513, 12.6655, 2.9117



11.4684, 12.6655, 2.3706



8.6977, 12.6655, 3.5401

Triad

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



11.4684, 12.6655, 2.3706



7.5035, 12.6655, 27.3702



18.8787, 12.6655, 23.0802

Complementary

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



11.4684, 12.6655, 2.3706



3.6762, 2.2401, 15.8613

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.



16.1402, 12.6655, 35.0316



11.4684, 12.6655, 2.3706



9.5304, 12.6655, 38.2104

Square

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



11.4684, 12.6655, 2.3706



6.6961, 12.6655, 15.5162



12.6265, 12.6655, 41.5207



19.6582, 12.6655, 12.1979

Rectangle

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



11.4684, 12.6655, 2.3706



7.4886, 12.6655, 5.7097



12.6265, 12.6655, 41.5207



18.1347, 12.6655, 27.2383

Sweetspot

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



11.4687, 12.6661, 2.3709



24.8663, 27.0457, 18.9270



7.2632, 4.0128, 1.7162



5.6846, 6.1993, 4.1181



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.



11.4687, 12.6661, 2.3709



19.8977, 21.6926, 3.1384



9.2643, 13.5302, 2.6538



3.6053, 3.8430, 3.6251



12.6375, 13.8074, 1.9990



62.4929, 67.8610, 9.8048

Inverse Universe

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



3.6762, 2.2401, 15.8613



5.5880, 2.6361, 28.1898



4.5265, 2.2868, 15.8255



3.2507, 3.3667, 4.2327



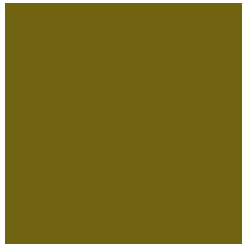
3.5697, 1.7297, 17.8673



17.4001, 7.8521, 88.8776

Previews

White Background



This preview shows how the XYZ color 11.4684, 12.6655, 2.3706 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 11.4684, 12.6655, 2.3706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

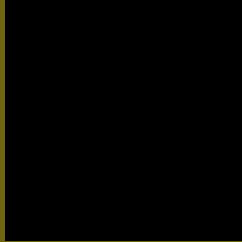
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.4684, 12.6655, 2.3706

Background



This preview shows how black text looks on a background with the XYZ color 11.4684, 12.6655, 2.3706.



This preview shows how white text looks on a background with the XYZ color 11.4684, 12.6655,

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

11.4684, 12.6655, 2.3706

Protanopia

11.4684, 12.6655, 2.3706

Deuteranopia

12.8227, 12.6705, 2.4317



Tritanopia

13.8223, 12.6707, 13.7738

Trichromacy



Original Color

11.4684, 12.6655, 2.3706

Protanomaly

11.4684, 12.6655, 2.3706

Deuteranomaly

12.2774, 12.6614, 2.4129

Tritanomaly

12.6245, 12.5898, 7.5591

Monochromacy



Original Color

11.4684, 12.6655, 2.3706

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.5331, 11.5258, 6.8238

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4684, 12.6655, 2.3706 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(113, 100, 17)` looks like.

```
.text, #text, p{  
    color:rgb(113, 100, 17)  
}
```

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(113, 100, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 100, 17) }
```

Border

The CSS property to change the border of an element to XYZ 11.4684, 12.6655, 2.3706 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(113, 100, 17) }
```


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

```
.border{ border-color:rgb(113, 100, 17) }
```

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

Here you see how a box with a 4 pixel rgb(113, 100, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 100, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 100, 17);  
box-shadow:4px 4px 4px 4px rgb(113, 100,  
17) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4684, 12.6655, 2.3706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 100, 17) }
```

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

```
.background{ background-color: rgb(113,  
100, 17) }
```

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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