

Converting Colors

XYZ(11.3966, 11.6613, 2.4860)

Have a look what the booklet for
XYZ(11.3966, 11.6613, 2.4860)
contains.

XYZ(11.4051, 11.6725, 2.4625)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(11.4051, 11.6725,
2.4625)**

Conversions

Conversions Part 1

Format	Color
Hex	755D17
RGB	117, 93, 23
RGB Percent	46%, 36%, 9%
CMY	0.5412, 0.6353, 0.9098
CMYK	0.00, 0.21, 0.80, 0.54
HSL	45°, 67%, 27%
HSV	45°, 80%, 46%
XYZ	11.4051, 11.6725, 2.4625
YIQ	92.1960, 36.7740, -16.6820

Conversions

Conversions Part 2

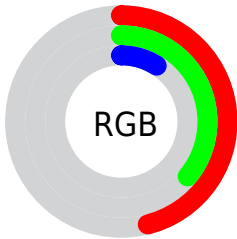
Format	Color
RYB	55, 117, 23
Decimal	7691543
CIELab	40.69, 2.26, 41.18
CIElCh	41, 41.246, 86.858
Yxy	11.6725, 0.4466, 0.4570
Android (android.graphics.Color)	4285881623 (0xFF755D17)
YUV	92.1960, -34.1136, 21.7531
Hunter-Lab	34.1650, -0.2013, 19.6421

Details

The XYZ color **11.4051, 11.6725, 2.4625** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4.5807, 3.4994, 17.2634**, and the grayscale version is **10.2886, 10.8244, 11.7877**.

A 20% lighter version of the original color is **28.0054, 28.8835, 10.2299**, and **3.1965, 3.1568, 0.4409** is the 20% darker color. If you saturate the color by 10%, you get **11.0558, 11.1219, 1.8899**, and if you desaturate by 10%, it is **11.8170, 12.2654, 3.3117**.

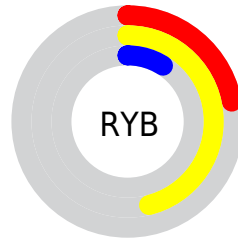
Distribution



Red (46%)

Green (36%)

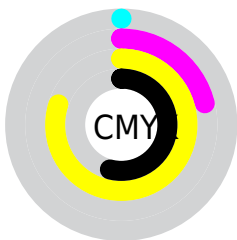
Blue (9%)



Red (22%)

Yellow (46%)

Blue (9%)

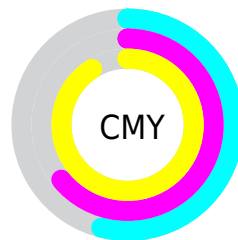


Cyan (0%)

Magenta (21%)

Yellow (80%)

Black (54%)



Cyan (54%)

Magenta (64%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4051, 11.6725, 2.4625 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 11.4051, 11.6725, 2.4625 by changing the saturation by 10% instead.

■ 11.4051, 11.6725,
2.4625

■ 11.4051, 11.6725,
2.4625

194.2775,
202.2249, 129.1892

■ 6.4093, 6.5211,
0.8202

■ 28.0332, 28.8972,
10.2705

■ 3.1385, 3.1644,
0.0000

■ 40.3963, 41.7393,
17.2804

■ 1.2274, 1.2182,
0.0000

■ 55.9458, 57.9137,
26.9188

■ 0.1279, 0.0765,
0.0000


■ 75.0471, 77.8049,
39.6044


■ 0.0000, 0.0000,
0.0000


■ 98.0655, 101.7972,
55.7557


■ 125.3665,


130.2751, 75.7913


 157.3154,
163.6228, 100.1296


 11.4051, 11.6725,
2.4625


 11.4051, 11.6725,
2.4625


 11.0558, 11.1219,
1.8899


 11.8170, 12.2654,
3.3117

 10.7549, 10.6196,
1.4829

 12.2968, 12.9017,
4.4687

 12.8502, 13.5840,
5.9613

 13.4818, 14.3147,
7.8141

 14.1961, 15.0954,
10.0491

■ 14.9969, 15.9281,
12.6869

■ 15.8880, 16.8143,
15.7462

■ 16.8729, 17.7556,
19.2450

■ 17.9548, 18.7535,
23.1998

Harmonies

Analogous

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



14.4579, 11.6725, 3.4369



11.4051, 11.6725, 2.4625



8.7449, 11.6725, 3.0812

Triad

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



11.4051, 11.6725, 2.4625



6.7993, 11.6725, 21.4522



16.4946, 11.6725, 23.6909

Complementary

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



11.4051, 11.6725, 2.4625



4.5807, 3.4994, 17.2634

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.



13.8310, 11.6725, 33.1448



11.4051, 11.6725, 2.4625



8.2977, 11.6725, 31.5021

Square

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



11.4051, 11.6725, 2.4625



6.3772, 11.6725, 11.8479



10.7893, 11.6725, 36.4943



17.7024, 11.6725, 13.6117

Rectangle

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



11.4051, 11.6725, 2.4625



7.4793, 11.6725, 4.5767



10.7893, 11.6725, 36.4943



15.7192, 11.6725, 27.1913

Sweetspot

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



11.4054, 11.6731, 2.4627



26.2223, 27.8732, 20.6065



8.1774, 4.6087, 3.2623



5.9365, 6.3121, 4.4344



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.



11.4054, 11.6731, 2.4627



19.3588, 19.1625, 2.8542



11.2421, 15.2207, 3.1561



3.8913, 4.1156, 3.9316



11.8370, 11.6753, 1.6297



56.9696, 55.4678, 7.7037

Inverse Universe

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



4.5807, 3.4994, 17.2634



6.7128, 4.1123, 30.5769



4.5966, 2.4536, 17.0607



3.5696, 3.7279, 4.6217



4.0341, 2.4080, 18.7947



19.0615, 10.5395, 91.3900

Previews

White Background



This preview shows how the XYZ color 11.4051, 11.6725, 2.4625 looks on a white background.

Color Contrast Check

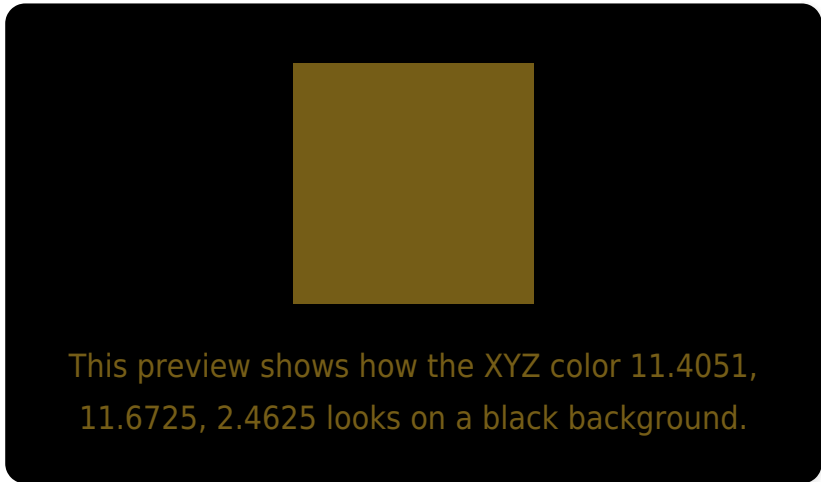
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 11.4051, 11.6725, 2.4625

Background



This preview shows how black text looks on a background with the XYZ color 11.4051, 11.6725, 2.4625.



This preview shows how white text looks on a background with the XYZ color 11.4051, 11.6725,

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

11.4051, 11.6725, 2.4625

Protanopia

10.5321, 11.6198, 2.5519

Deuteranopia

11.7911, 11.6131, 2.4842



Tritanopia

13.4100, 11.7443, 11.9160

Trichromacy



Original Color

11.4051, 11.6725, 2.4625

Protanomaly

10.8126, 11.6299, 2.5391

Deuteranomaly

11.7377, 11.7133, 2.5064

Tritanomaly

12.3615, 11.5552, 7.0477

Monochromacy



Original Color

11.4051, 11.6725, 2.4625

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

10.2071, 10.8262, 6.8619

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4051, 11.6725, 2.4625 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(117, 93, 23)` looks like.

```
.text, #text, p{  
    color:rgb(117, 93, 23)  
}
```

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(117, 93, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 93, 23) }
```

Border

The CSS property to change the border of an element to XYZ 11.4051, 11.6725, 2.4625 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(117, 93, 23) }
```


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

```
.border{ border-color:rgb(117, 93, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 93, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 93, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 93, 23);  
box-shadow:4px 4px 4px 4px rgb(117, 93,  
23) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4051, 11.6725, 2.4625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 93, 23) }
```

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

```
.background{ background-color: rgb(117, 93,  
23) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor