

Converting Colors

XYZ(11.5376, 11.9355, 2.3324)

Have a look what the booklet for
XYZ(11.5376, 11.9355, 2.3324)
contains.

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Color

**XYZ(11.4564, 11.8343,
2.2965)**

Conversions

Conversions Part 1

Format	Color
Hex	755E13
RGB	117, 94, 19
RGB Percent	46%, 37%, 7%
CMY	0.5412, 0.6314, 0.9255
CMYK	0.00, 0.20, 0.84, 0.54
HSL	46°, 72%, 27%
HSV	46°, 84%, 46%
XYZ	11.4564, 11.8343, 2.2965
YIQ	92.3270, 37.7830, -18.4490

Conversions

Conversions Part 2

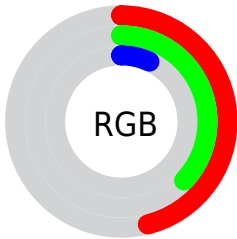
Format	Color
RYB	49, 117, 19
Decimal	7691795
CIELab	40.95, 1.51, 42.93
CIELCh	41, 42.960, 87.991
Yxy	11.8343, 0.4477, 0.4625
Android (android.graphics.Color)	4285881875 (0xFF755E13)
YUV	92.3270, -36.1502, 21.6382
Hunter-Lab	34.4010, -0.7568, 20.1227

Details

The XYZ color **11.4564, 11.8343, 2.2965** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4.3075, 3.0787, 17.1969**, and the grayscale version is **10.3233, 10.8610, 11.8276**.

A 20% lighter version of the original color is **28.0607, 29.1468, 9.7772**, and **3.2369, 3.2377, 0.4543** is the 20% darker color. If you saturate the color by 10%, you get **11.1393, 11.3242, 1.8084**, and if you desaturate by 10%, it is **11.8311, 12.3823, 3.0423**.

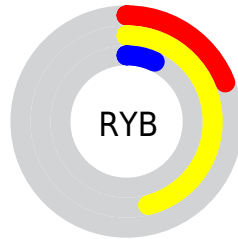
Distribution



Red (46%)

Green (37%)

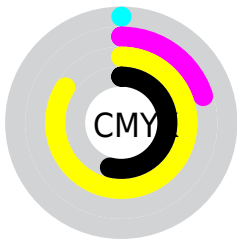
Blue (7%)



Red (19%)

Yellow (46%)

Blue (7%)

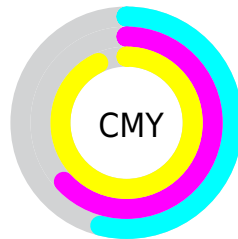


Cyan (0%)

Magenta (20%)

Yellow (84%)

Black (54%)



Cyan (54%)

Magenta (63%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4564, 11.8343, 2.2965 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 11.4564, 11.8343, 2.2965 by changing the saturation by 10% instead.

■ 11.4564, 11.8343,
2.2965

■ 11.4564, 11.8343,
2.2965

194.6168,
203.3052, 126.8231

■ 6.4442, 6.6309,
0.7293

■ 28.1266, 29.1930,
9.8366

■ 3.1603, 3.2324,
0.0000

■ 40.5154, 42.1171,
16.6652

■ 1.2391, 1.2542,
0.0000

■ 56.0938, 58.3835,
26.0907

■ 0.1369, 0.1053,
0.0000


■ 75.2271, 78.3767,
38.5319


■ 0.0000, 0.0000,
0.0000


■ 98.2807, 102.4811,
54.4072


■ 125.6199,


131.0811, 74.1351


 157.6102,
164.5610, 98.1343


 11.4564, 11.8343,
2.2965


 11.4564, 11.8343,
2.2965


 11.1393, 11.3242,
1.8084


 11.8311, 12.3823,
3.0423

 10.9539, 11.0175,
1.5493

 12.2701, 12.9696,
4.0851

 12.7794, 13.5992,
5.4540

 13.3638, 14.2731,
7.1744

 14.0278, 14.9934,
9.2692

■ 14.7754, 15.7616,
11.7594

■ 15.6103, 16.5796,
14.6643

■ 16.5362, 17.4487,
18.0021

■ 17.5562, 18.3705,
21.7898

Harmonies

Analogous

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



14.6776, 11.8343, 3.2067



11.4564, 11.8343, 2.2965



8.6979, 11.8343, 2.9779

Triad

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



11.4564, 11.8343, 2.2965



6.7979, 11.8343, 22.5649



17.0356, 11.8343, 24.0896

Complementary

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



11.4564, 11.8343, 2.2965



4.3075, 3.0787, 17.1969

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.



14.2537, 11.8343, 34.3323



11.4564, 11.8343, 2.2965



8.3994, 11.8343, 33.2056

Square

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



11.4564, 11.8343, 2.2965



6.3184, 11.8343, 12.3018



11.0424, 11.8343, 38.2554



18.2423, 11.8343, 13.4875

Rectangle

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



11.4564, 11.8343, 2.2965



7.4060, 11.8343, 4.5575



11.0424, 11.8343, 38.2554



16.2315, 11.8343, 27.8418

Sweetspot

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



11.4567, 11.8349, 2.2967



26.1939, 27.9581, 20.1602



8.0144, 4.4259, 2.7659



5.9362, 6.3402, 4.3458



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.



11.4567, 11.8349, 2.2967



19.5093, 19.5171, 2.7389



10.9427, 15.0708, 2.9484



3.8973, 4.1276, 3.9336



12.0568, 12.1148, 1.7029



58.0752, 57.6788, 8.0722

Inverse Universe

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



4.3075, 3.0787, 17.1969



6.3778, 3.5559, 30.4872



4.4612, 2.2747, 17.0336



3.5640, 3.7166, 4.6198



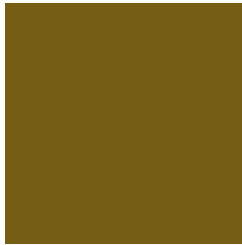
3.9703, 2.2803, 18.7735



18.7854, 9.9873, 91.2979

Previews

White Background



This preview shows how the XYZ color 11.4564, 11.8343, 2.2965 looks on a white background.

Color Contrast Check

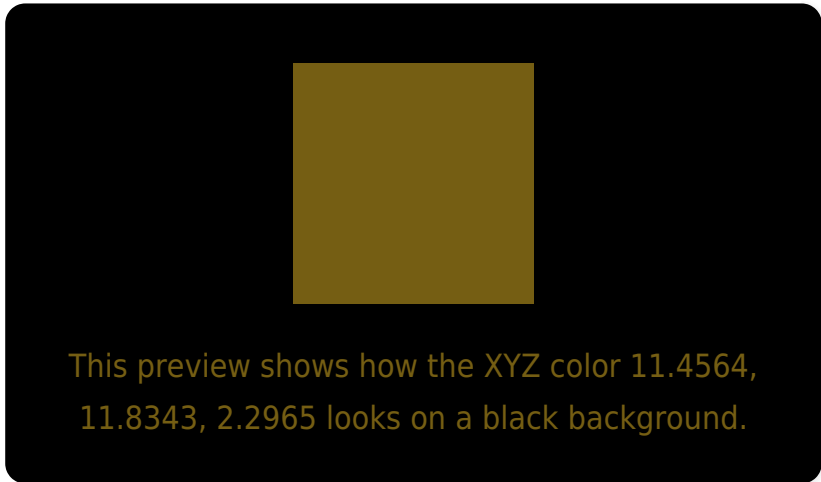
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.4564, 11.8343, 2.2965

Background



This preview shows how black text looks on a background with the XYZ color 11.4564, 11.8343, 2.2965.



This preview shows how white text looks on a background with the XYZ color 11.4564, 11.8343,

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

11.4564, 11.8343, 2.2965

Protanopia

10.7076, 11.8511, 2.3850

Deuteranopia

11.9795, 11.8424, 2.3162



Tritanopia

13.5361, 11.9252, 12.1780

Trichromacy



Original Color

11.4564, 11.8343, 2.2965

Protanomaly

10.9912, 11.8610, 2.3719

Deuteranomaly

11.7863, 11.8723, 2.3322

Tritanomaly

12.4150, 11.7106, 6.9162

Monochromacy



Original Color

11.4564, 11.8343, 2.2965

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

10.2353, 10.9771, 6.5804

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4564, 11.8343, 2.2965 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, 94, 19)` looks like.

```
.text, #text, p{  
    color:rgb(117, 94, 19)  
}
```

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, 94, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 94, 19) }
```

Border

The CSS property to change the border of an element to XYZ 11.4564, 11.8343, 2.2965 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, 94, 19) }
```


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

```
.border{ border-color:rgb(117, 94, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 94, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 94, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 94, 19);  
box-shadow:4px 4px 4px 4px rgb(117, 94,  
19) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4564, 11.8343, 2.2965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 94, 19) }
```

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

```
.background{ background-color: rgb(117, 94,  
19) }
```

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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