

Converting Colors

XYZ(10.6497, 11.2510, 1.0391)

Have a look what the booklet for
XYZ(10.6497, 11.2510, 1.0391)
contains.

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Color

**XYZ(10.8538, 11.4061,
1.6295)**

Conversions

Conversions Part 1

Format	Color
Hex	725D00
RGB	114, 93, 0
RGB Percent	45%, 36%, 0%
CMY	0.5529, 0.6353, 1.0000
CMYK	0.00, 0.18, 1.00, 0.55
HSL	49°, 100%, 22%
HSV	49°, 100%, 45%
XYZ	10.8538, 11.4061, 1.6295
YIQ	88.6770, 42.3690, -24.4710

Conversions

Conversions Part 2

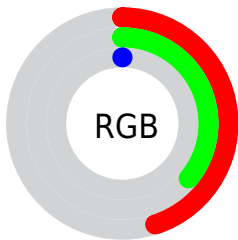
Format	Color
RYB	26, 114, 0
Decimal	7494912
CIELab	40.26, 0.09, 47.71
CIELCh	40, 47.707, 89.887
Yxy	11.4061, 0.4543, 0.4775
Android (android.graphics.Color)	4285684992 (0xFF725D00)
YUV	88.6770, -43.7178, 22.2083
Hunter-Lab	33.7729, -1.7370, 20.7804

Details

The XYZ color **10.8538, 11.4061, 1.6295** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3.3055, 1.7512, 16.0834**, and the grayscale version is **9.5113, 10.0067, 10.8973**.

A 20% lighter version of the original color is **26.9484, 28.3854, 8.0616**, and **2.9814, 3.1060, 0.4424** is the 20% darker color. If you saturate the color by 10%, you get **10.8540, 11.4066, 1.6296**, and if you desaturate by 10%, it is **11.1037, 11.8055, 2.0224**.

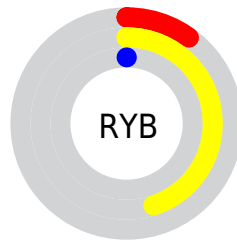
Distribution



Red (45%)

Green (36%)

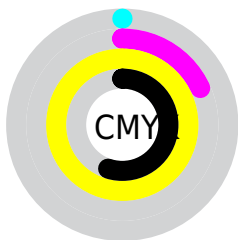
Blue (0%)



Red (10%)

Yellow (45%)

Blue (0%)

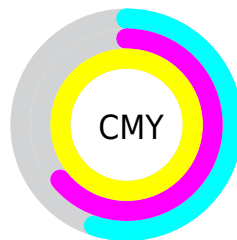


Cyan (0%)

Magenta (18%)

Yellow (100%)

Black (55%)



Cyan (55%)

Magenta (64%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.8538, 11.4061, 1.6295 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 10.8538, 11.4061, 1.6295 by changing the saturation by 10% instead.

■ 10.8538, 11.4061,
1.6295

■ 10.8538, 11.4061,
1.6295

■ 190.5908,
200.4328, 116.3291

■ 6.0352, 6.3407,
0.3117

■ 27.0249, 28.4087,
8.0006

■ 2.9073, 3.0533,
0.0000

■ 39.1080, 41.1147,
14.0272

■ 1.1050, 1.1596,
0.0000

■ 54.3434, 57.1363,
22.5059

■ 0.0293, 0.0284,
0.0000

■ 73.0963, 76.8580,
33.8551


■ 0.0000, 0.0000,
0.0000


■ 95.7321, 100.6640,
48.4936


■ 122.6163,


128.9390, 66.8397


 154.1141,
162.0671, 89.3120


 10.8538, 11.4061,
1.6295


 10.8538, 11.4061,
1.6295


 10.8540, 11.4066,
1.6296

 11.1037, 11.8055,
2.0224

 11.3855, 12.2254,
2.5599

 11.7216, 12.6751,
3.3575

 12.1176, 13.1572,
4.4449

 12.5783, 13.6735,
5.8476

■ 13.1082, 14.2258,
7.5885

■ 13.7112, 14.8159,
9.6884

■ 14.3910, 15.4452,
12.1662

■ 15.1509, 16.1152,
15.0397

Harmonies

Analogous

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



14.3788, 11.4061, 2.3552



10.8538, 11.4061, 1.6295



7.9551, 11.4061, 2.3433

Triad

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



10.8538, 11.4061, 1.6295



6.1859, 11.4061, 23.9716



17.3718, 11.4061, 24.0689

Complementary

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



10.8538, 11.4061, 1.6295



3.3055, 1.7512, 16.0834

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.



14.3524, 11.4061, 36.0466



10.8538, 11.4061, 1.6295



7.9373, 11.4061, 35.9730

Square

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



10.8538, 11.4061, 1.6295



5.6187, 11.4061, 12.3831



10.8285, 11.4061, 41.2362



18.5814, 11.4061, 12.4555

Rectangle

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



10.8538, 11.4061, 1.6295



6.6469, 11.4061, 3.9586



10.8285, 11.4061, 41.2362



16.5080, 11.4061, 28.3635

Sweetspot

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



10.8541, 11.4067, 1.6297



24.0079, 25.9532, 16.7160



7.0921, 3.6385, 1.1288



5.4709, 5.9237, 3.5792



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.



10.8541, 11.4067, 1.6297



18.9906, 19.8785, 2.8360



9.3088, 13.7314, 2.1599



3.5922, 3.8169, 3.6207



12.0716, 12.6757, 1.8104



59.5529, 61.9810, 8.8248

Inverse Universe

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



3.3055, 1.7512, 16.0834



5.7349, 2.9299, 28.2388



3.7037, 1.5585, 16.0252



3.2628, 3.3908, 4.2367



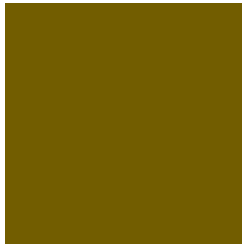
3.6694, 1.9291, 17.9006



17.8024, 8.6567, 89.0118

Previews

White Background



This preview shows how the XYZ color 10.8538, 11.4061, 1.6295 looks on a white background.

Color Contrast Check

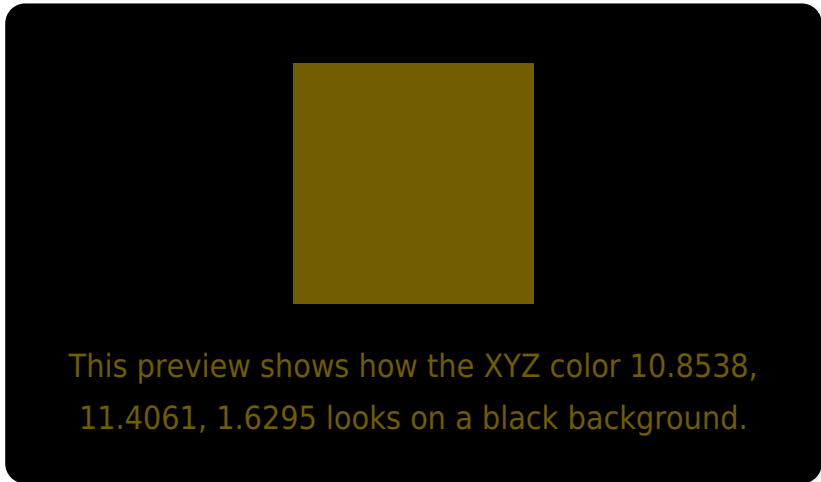
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.8538, 11.4061, 1.6295

Background



This preview shows how black text looks on a background with the XYZ color 10.8538, 11.4061, 1.6295.

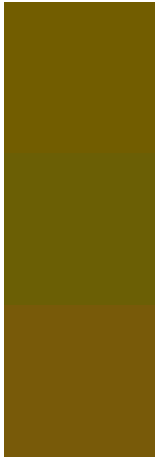


This preview shows how white text looks on a background with the XYZ color 10.8538, 11.4061,

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

10.8538, 11.4061, 1.6295

Protanopia

10.1830, 11.3212, 1.7921

Deuteranopia

11.4512, 11.3251, 1.8409



Tritanopia

12.9113, 11.3678, 11.8696

Trichromacy



Original Color

10.8538, 11.4061, 1.6295

Protanomaly

10.4495, 11.3270, 1.7217

Deuteranomaly

11.2452, 11.3469, 1.7698

Tritanomaly

11.6979, 11.2424, 5.6911

Monochromacy



Original Color

10.8538, 11.4061, 1.6295

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

9.4317, 10.2044, 5.3434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.8538, 11.4061, 1.6295 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(114, 93, 0)` looks like.

```
.text, #text, p{  
    color:rgb(114, 93, 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(114, 93, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 93, 0) }
```

Border

The CSS property to change the border of an element to XYZ 10.8538, 11.4061, 1.6295 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(114, 93, 0) }
```


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

```
.border{ border-color:rgb(114, 93, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 93, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 93, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 93, 0);  
box-shadow:4px 4px 4px 4px rgb(114, 93, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.8538, 11.4061, 1.6295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 93, 0) }
```

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

```
.background{ background-color: rgb(114, 93,  
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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