

Converting Colors

XYZ(10.8334, 11.2713, 2.5931)

Have a look what the booklet for
XYZ(10.8334, 11.2713, 2.5931)
contains.

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Color

**XYZ(10.8237, 11.2396,
2.5763)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 715C1A |
| RGB | 113, 92, 26 |
| RGB Percent | 44%, 36%, 10% |
| CMY | 0.5569, 0.6392, 0.8980 |
| CMYK | 0.00, 0.19, 0.77, 0.56 |
| HSL | 46°, 63%, 27% |
| HSV | 46°, 77%, 44% |
| XYZ | 10.8237, 11.2396, 2.5763 |
| YIQ | 90.7550, 33.7020, -16.0740 |

Conversions

Conversions Part 2

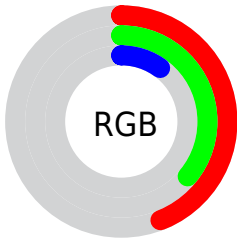
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 54, 113, 26 |
| Decimal | 7429146 |
| CIELab | 39.98, 1.06, 39.10 |
| CIELCh | 40, 39.116, 88.454 |
| Yxy | 11.2396, 0.4393, 0.4562 |
| Android (android.graphics.Color) | 4285619226 (0xFF715C1A) |
| YUV | 90.7550, -31.9242, 19.5089 |
| Hunter-Lab | 33.5255, -1.0410, 18.9117 |

Details

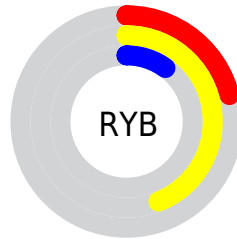
The XYZ color **10.8237, 11.2396, 2.5763** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4.4232, 3.4449, 16.0546**, and the grayscale version is **9.9534, 10.4717, 11.4037**.

A 20% lighter version of the original color is **27.0575, 28.1652, 10.4889**, and **3.0031, 3.0572, 0.4318** is the 20% darker color. If you saturate the color by 10%, you get **10.4896, 10.7351, 1.9601**, and if you desaturate by 10%, it is **11.2167, 11.7821, 3.4583**.

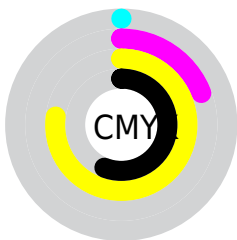
Distribution



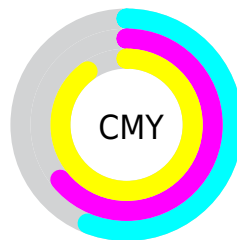
- Red (44%)
- Green (36%)
- Blue (10%)



- Red (21%)
- Yellow (44%)
- Blue (10%)



- Cyan (0%)
- Magenta (19%)
- Yellow (77%)
- Black (56%)





- Cyan (56%)
- Magenta (64%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.8237, 11.2396, 2.5763 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 10.8237, 11.2396, 2.5763 by changing the saturation by 10% instead.


 10.8237, 11.2396,
2.5763


 10.8237, 11.2396,
2.5763


190.3874,
199.3041, 130.7664


 6.0148, 6.2282,
0.8802


 26.9695, 28.1024,
10.5637


 2.8948, 2.9844,
0.0000

 39.0372, 40.7226,
17.6945


 1.0984, 1.1236,
0.0000

 54.2552, 56.6479,
27.4747

 0.0238, 0.0000,
0.0000

 72.9889, 76.2626,
40.3229

 0.0000, 0.0000,
0.0000

 95.6036, 99.9512,
56.6577

 122.4647,

128.0980, 76.8975

153.9375,
161.0875, 101.4609

10.8237, 11.2396,
2.5763

10.8237, 11.2396,
2.5763

10.4896, 10.7351,
1.9601

11.2167, 11.7821,
3.4583

10.2005, 10.2617,
1.5408

11.6732, 12.3633,
4.6331

10.1161, 10.1228,
1.4207

12.1980, 12.9858,
6.1251

12.7954, 13.6513,
7.9560

13.4692, 14.3615,
10.1455

■ 14.2229, 15.1180,
12.7118

■ 15.0598, 15.9222,
15.6718

■ 15.9831, 16.7754,
19.0417

■ 16.9956, 17.6790,
22.8363

Harmonies

Analogous

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



13.6381, 11.2396, 3.4331



10.8237, 11.2396, 2.5763



8.3938, 11.2396, 3.2639

Triad

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



10.8237, 11.2396, 2.5763



6.7352, 11.2396, 20.7841



15.7503, 11.2396, 21.7897

Complementary

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



10.8237, 11.2396, 2.5763



4.4232, 3.4449, 16.0546

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.



13.3543, 11.2396, 30.5345



10.8237, 11.2396, 2.5763



8.1888, 11.2396, 29.8019

Square

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



10.8237, 11.2396, 2.5763



6.2856, 11.2396, 11.8409



10.5433, 11.2396, 33.9510



16.7634, 11.2396, 12.6439

Rectangle

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



10.8237, 11.2396, 2.5763



7.2473, 11.2396, 4.7846



10.5433, 11.2396, 33.9510



15.0620, 11.2396, 24.9962

Sweetspot

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



10.8240, 11.2401, 2.5765



24.5581, 26.1645, 19.6406



7.7079, 4.4610, 3.2244



5.5936, 5.9636, 4.2539



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.



10.8240, 11.2401, 2.5765



18.3976, 18.5878, 2.9606



10.4308, 14.1218, 3.1535



3.5770, 3.7865, 3.6157



11.4595, 11.4516, 1.6064



56.3903, 55.6557, 7.7705

Inverse Universe

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



4.4232, 3.4449, 16.0546



6.4126, 4.0638, 28.4219



4.5574, 2.5535, 15.8755



3.2770, 3.4192, 4.2415



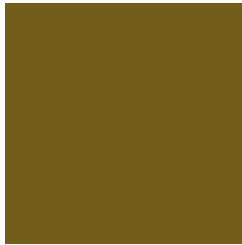
3.8186, 2.2275, 17.9503



18.4427, 9.9372, 89.2252

Previews

White Background



This preview shows how the XYZ color 10.8237, 11.2396, 2.5763 looks on a white background.

Color Contrast Check

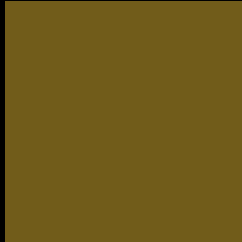
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.8237, 11.2396, 2.5763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

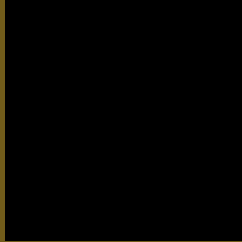
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.8237, 11.2396, 2.5763

Background



This preview shows how black text looks on a background with the XYZ color 10.8237, 11.2396, 2.5763.



This preview shows how white text looks on a background with the XYZ color 10.8237, 11.2396,

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

10.8237, 11.2396, 2.5763

Protanopia

10.2339, 11.3277, 2.6840

Deuteranopia

11.4617, 11.3134, 2.6165



Tritanopia

12.7308, 11.2798, 11.6315

Trichromacy



Original Color

10.8237, 11.2396, 2.5763

Protanomaly

10.5072, 11.3357, 2.6711

Deuteranomaly

11.2750, 11.3432, 2.6321

Tritanomaly

11.7356, 11.1098, 6.9947

Monochromacy



Original Color

10.8237, 11.2396, 2.5763

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

9.8998, 10.5401, 6.8229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.8237, 11.2396, 2.5763 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, 92, 26)` looks like.

```
.text, #text, p{  
    color:rgb(113, 92, 26)  
}
```

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, 92, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 92, 26) }
```

Border

The CSS property to change the border of an element to XYZ 10.8237, 11.2396, 2.5763 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, 92, 26) }
```


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

```
.border{ border-color:rgb(113, 92, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 92, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 92, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 92, 26);  
box-shadow:4px 4px 4px 4px rgb(113, 92,  
26) }
```

Background

The CSS property to change the background color of an element to XYZ 10.8237, 11.2396, 2.5763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 92, 26) }
```

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

```
.background{ background-color: rgb(113, 92,  
26) }
```

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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