

Converting Colors

XYZ(12.1089, 11.1173, 2.5411)

Have a look what the booklet for
XYZ(12.1089, 11.1173, 2.5411)
contains.

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Color

**XYZ(12.1298, 11.1703,
2.5537)**

Conversions

Conversions Part 1

Format	Color
Hex	7E561B
RGB	126, 86, 27
RGB Percent	49%, 34%, 11%
CMY	0.5059, 0.6627, 0.8941
CMYK	0.00, 0.32, 0.79, 0.51
HSL	36°, 65%, 30%
HSV	36°, 79%, 49%
XYZ	12.1298, 11.1703, 2.5537
YIQ	91.2340, 42.7790, -9.8690

Conversions

Conversions Part 2

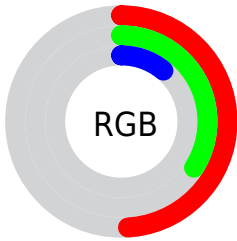
Format	Color
RYB	94, 126, 27
Decimal	8279579
CIELab	39.87, 10.93, 39.07
CIElCh	40, 40.572, 74.367
Yxy	11.1703, 0.4692, 0.4321
Android (android.graphics.Color)	4286469659 (0xFF7E561B)
YUV	91.2340, -31.6674, 30.4898
Hunter-Lab	33.4220, 6.2943, 18.8652

Details

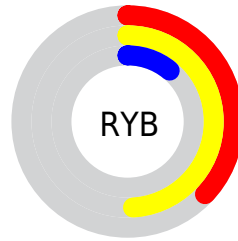
The XYZ color **12.1298, 11.1703, 2.5537** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **6.2250, 5.7535, 20.5210**, and the grayscale version is **10.0606, 10.5845, 11.5265**.

A 20% lighter version of the original color is **29.3656, 28.0614, 10.5253**, and **3.5406, 3.0023, 0.3929** is the 20% darker color. If you saturate the color by 10%, you get **11.6221, 10.3403, 1.8132**, and if you desaturate by 10%, it is **12.7295, 12.0844, 3.6338**.

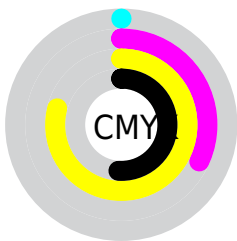
Distribution



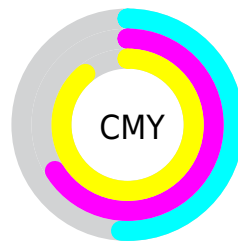
- Red (49%)
- Green (34%)
- Blue (11%)



- Red (37%)
- Yellow (49%)
- Blue (11%)



- Cyan (0%)
- Magenta (32%)
- Yellow (79%)
- Black (51%)



- Cyan (51%)
- Magenta (66%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.1298, 11.1703, 2.5537 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 12.1298, 11.1703, 2.5537 by changing the saturation by 10% instead.

■ 12.1298, 11.1703,
2.5537

■ 12.1298, 11.1703,
2.5537

199.0151,
198.8322, 130.4560

■ 6.9050, 6.1815,
0.8684

■ 29.3461, 27.9747,
10.5057

■ 3.4485, 2.9558,
0.0000

■ 42.0683, 40.5590,
17.6127

■ 1.3952, 1.1087,
0.0000

■ 58.0203, 56.4440,
27.3650

■ 0.2528, 0.0000,
0.0000

■ 77.5675, 76.0140,
40.1813

■ 0.0000, 0.0000,
0.0000

■ 101.0752, 99.6534,
56.4799

■ 128.9088,

127.7467, 76.6796

161.4337,
160.6781, 101.1987

12.1298, 11.1703,
2.5537

12.1298, 11.1703,
2.5537

11.6221, 10.3403,
1.8132

12.7295, 12.0844,
3.6338

11.1862, 9.5840,
1.3121

13.4283, 13.0848,
5.0906

11.1266, 9.4805,
1.2435

14.2330, 14.1758,
6.9571

15.1497, 15.3607,
9.2623

16.1840, 16.6425,
12.0326

■ 17.3410, 18.0241,
15.2925

■ 18.6254, 19.5082,
19.0645

■ 20.0417, 21.0974,
23.3697

■ 21.5941, 22.7942,
28.2282

Harmonies

Analogous

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



14.9341, 11.1703, 4.2701



12.1298, 11.1703, 2.5537



9.3403, 11.1703, 2.5228

Triad

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



12.1298, 11.1703, 2.5537



6.2207, 11.1703, 16.3888



14.8291, 11.1703, 26.7902

Complementary

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



12.1298, 11.1703, 2.5537



6.2250, 5.7535, 20.5210

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.



12.0051, 11.1703, 33.9530



12.1298, 11.1703, 2.5537



7.2242, 11.1703, 26.3861

Square

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



12.1298, 11.1703, 2.5537



6.2422, 11.1703, 8.4733



9.2356, 11.1703, 33.7792



16.6690, 11.1703, 16.7920

Rectangle

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



12.1298, 11.1703, 2.5537



7.8666, 11.1703, 3.3758



9.2356, 11.1703, 33.7792



13.9437, 11.1703, 29.7712

Sweetspot

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



12.1301, 11.1709, 2.5539



29.2776, 30.2482, 23.3748



10.0472, 5.6400, 6.0682



6.5270, 6.7206, 4.9477



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



12.1301, 11.1709, 2.5539



19.8741, 17.1795, 2.5497



15.0960, 18.8348, 3.8769



4.5241, 4.7369, 4.5960



11.4107, 9.7178, 1.2743



0.0000, 0.0000, 0.0000

Inverse Universe

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



6.2250, 5.7535, 20.5210



9.0539, 7.3199, 35.6800



4.8596, 2.6521, 19.9943



4.2404, 4.4748, 5.4535



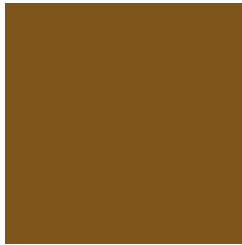
5.0697, 3.9580, 20.7467



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 12.1298, 11.1703, 2.5537 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 12.1298, 11.1703, 2.5537 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 12.1298, 11.1703, 2.5537

Background



This preview shows how black text looks on a background with the XYZ color 12.1298, 11.1703, 2.5537.



This preview shows how white text looks on a background with the XYZ color 12.1298, 11.1703,

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

12.1298, 11.1703, 2.5537

Protanopia

10.2578, 11.3373, 2.8101

Deuteranopia

11.3138, 11.2385, 2.5502



Tritanopia

13.6016, 11.0763, 10.2252

Trichromacy



Original Color

12.1298, 11.1703, 2.5537

Protanomaly

10.8468, 11.2488, 2.6982

Deuteranomaly

11.6440, 11.2843, 2.5417

Tritanomaly

12.8735, 11.0054, 6.4468

Monochromacy



Original Color

12.1298, 11.1703, 2.5537

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

10.3247, 10.5052, 6.9524

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.1298, 11.1703, 2.5537 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(126, 86, 27)` looks like.

```
.text, #text, p{  
    color:rgb(126, 86, 27)  
}
```

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(126, 86, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 86, 27) }
```

Border

The CSS property to change the border of an element to XYZ 12.1298, 11.1703, 2.5537 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(126, 86, 27) }
```


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

```
.border{ border-color:rgb(126, 86, 27) }
```

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

Here you see how a box with a 4 pixel rgb(126, 86, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 86, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 86, 27);  
box-shadow:4px 4px 4px 4px rgb(126, 86,  
27) }
```

Background

The CSS property to change the background color of an element to XYZ 12.1298, 11.1703, 2.5537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 86, 27) }
```

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

```
.background{ background-color: rgb(126, 86,  
27) }
```

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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