

Converting Colors

XYZ(11.7754, 12.0832, 1.7117)

Have a look what the booklet for
XYZ(11.7754, 12.0832, 1.7117)
contains.

XYZ(11.8379, 12.1775, 1.7266)	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(11.8379, 12.1775,
1.7266)**

Conversions

Conversions Part 1

Format	Color
Hex	785F00
RGB	120, 95, 0
RGB Percent	47%, 37%, 0%
CMY	0.5294, 0.6274, 1.0000
CMYK	0.00, 0.21, 1.00, 0.53
HSL	48°, 100%, 24%
HSV	48°, 100%, 47%
XYZ	11.8379, 12.1775, 1.7266
YIQ	91.6450, 45.3950, -24.2450

Conversions

Conversions Part 2

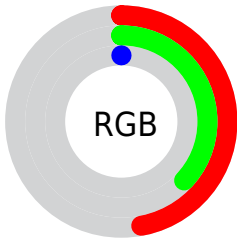
Format	Color
RYB	32, 120, 0
Decimal	7888640
CIELab	41.50, 1.87, 48.89
CIELCh	41, 48.921, 87.813
Yxy	12.1775, 0.4599, 0.4731
Android (android.graphics.Color)	4286078720 (0xFF785F00)
YUV	91.6450, -45.1810, 24.8673
Hunter-Lab	34.8963, -0.5157, 21.4938

Details

The XYZ color **11.8379, 12.1775, 1.7266** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3.7378, 2.0514, 17.9680**, and the grayscale version is **10.1846, 10.7150, 11.6687**.

A 20% lighter version of the original color is **28.7936, 29.7864, 8.2347**, and **3.4131, 3.3899, 0.4744** is the 20% darker color. If you saturate the color by 10%, you get **11.8380, 12.1779, 1.7266**, and if you desaturate by 10%, it is **12.1333, 12.6623, 2.1526**.

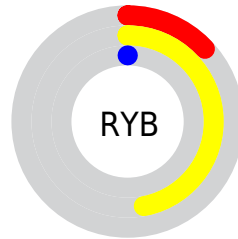
Distribution



Red (47%)

Green (37%)

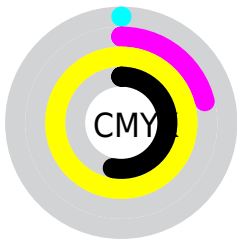
Blue (0%)



Red (13%)

Yellow (47%)

Blue (0%)

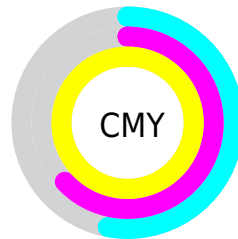


Cyan (0%)

Magenta (21%)

Yellow (100%)

Black (53%)



Cyan (53%)

Magenta (63%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.8379, 12.1775, 1.7266 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 11.8379, 12.1775, 1.7266 by changing the saturation by 10% instead.

■ 11.8379, 12.1775,
1.7266

■ 11.8379, 12.1775,
1.7266

■ 197.1211,
205.5769, 117.9757

■ 6.7048, 6.8647,
0.3789

■ 28.8190, 29.8180,
8.2789

■ 3.3229, 3.3776,
0.0000

■ 41.3976, 42.9144,
14.4310

■ 1.3267, 1.3319,
0.0000

■ 57.1889, 59.3742,
23.0585

■ 0.2031, 0.1657,
0.0000

■ 76.5580, 79.5817,
34.5800


■ 0.0000, 0.0000,
0.0000


■ 99.8705, 103.9213,
49.4139


■ 127.4916,


132.7775, 67.9787


 159.7867,
166.5345, 90.6932


 11.8379, 12.1775,
1.7266


 11.8379, 12.1775,
1.7266


 11.8380, 12.1779,
1.7266

 12.1333, 12.6623,
2.1526

 12.4680, 13.1739,
2.7501

 12.8650, 13.7223,
3.6401

 13.3310, 14.3101,
4.8564

 13.8715, 14.9397,
6.4282

■ 14.4916, 15.6132,
8.3816

■ 15.1957, 16.3325,
10.7402

■ 15.9880, 17.0993,
13.5254

■ 16.8724, 17.9154,
16.7575

Harmonies

Analogous

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



15.6229, 12.1775, 2.6186



11.8379, 12.1775, 1.7266



8.6618, 12.1775, 2.3727

Triad

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



11.8379, 12.1775, 1.7266



6.5088, 12.1775, 24.6892



18.3983, 12.1775, 26.7056

Complementary

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



11.8379, 12.1775, 1.7266



3.7378, 2.0514, 17.9680

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.



15.0761, 12.1775, 39.3026



11.8379, 12.1775, 1.7266



8.2936, 12.1775, 37.7770

Square

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



11.8379, 12.1775, 1.7266



5.9873, 12.1775, 12.5241



11.3147, 12.1775, 44.1384



19.8635, 12.1775, 14.0226

Rectangle

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



11.8379, 12.1775, 1.7266



7.2022, 12.1775, 3.9628



11.3147, 12.1775, 44.1384



17.4321, 12.1775, 31.2934

Sweetspot

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



11.8382, 12.1781, 1.7268



26.6301, 28.6300, 18.5581



7.9322, 4.0677, 1.3446



6.2078, 6.6810, 4.0474



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



11.8382, 12.1781, 1.7268



20.7247, 21.2258, 3.0047



10.5542, 15.4112, 2.4186



4.2403, 4.4989, 4.2694



12.9046, 13.2651, 1.8803



60.9306, 62.0247, 8.7606

Inverse Universe

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



3.7378, 2.0514, 17.9680



6.4901, 3.4399, 31.5750



4.0500, 1.6963, 17.8830



3.8591, 4.0164, 5.0150



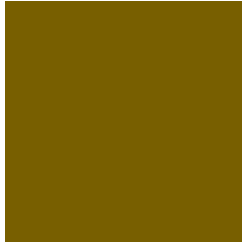
4.0685, 2.2194, 19.5993



18.8965, 9.5656, 93.3202

Previews

White Background



This preview shows how the XYZ color 11.8379, 12.1775, 1.7266 looks on a white background.

Color Contrast Check

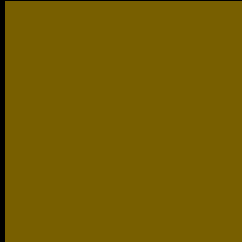
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.8379, 12.1775, 1.7266 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 11.8379, 12.1775, 1.7266

Background



This preview shows how black text looks on a background with the XYZ color 11.8379, 12.1775, 1.7266.



This preview shows how white text looks on a background with the XYZ color 11.8379, 12.1775,

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

11.8379, 12.1775, 1.7266

Protanopia

11.0503, 12.3163, 1.9672

Deuteranopia

12.2649, 12.1291, 1.8957



Tritanopia

14.0127, 12.1656, 12.4361

Trichromacy



Original Color

11.8379, 12.1775, 1.7266

Protanomaly

11.3290, 12.3215, 1.8961

Deuteranomaly

12.1930, 12.2251, 1.8319

Tritanomaly

12.7251, 12.0194, 5.9243

Monochromacy



Original Color

11.8379, 12.1775, 1.7266

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

10.1833, 10.9692, 5.7182

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.8379, 12.1775, 1.7266 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(120, 95, 0)` looks like.

```
.text, #text, p{  
    color:rgb(120, 95, 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(120, 95, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 95, 0) }
```

Border

The CSS property to change the border of an element to XYZ 11.8379, 12.1775, 1.7266 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(120, 95, 0) }
```


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

```
.border{ border-color:rgb(120, 95, 0) }
```

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

Here you see how a box with a 4 pixel rgb(120, 95, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 95, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 95, 0);  
box-shadow:4px 4px 4px 4px rgb(120, 95, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.8379, 12.1775, 1.7266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 95, 0) }
```

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

```
.background{ background-color: rgb(120, 95,  
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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