

Converting Colors

XYZ(10.9764, 11.2083, 1.7572)

Have a look what the booklet for
XYZ(10.9764, 11.2083, 1.7572)
contains.

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Color

**XYZ(10.9764, 11.2083,
1.7572)**

Conversions

Conversions Part 1

Format	Color
Hex	745B06
RGB	116, 91, 6
RGB Percent	45%, 36%, 2%
CMY	0.5451, 0.6431, 0.9765
CMYK	0.00, 0.22, 0.95, 0.55
HSL	46°, 90%, 24%
HSV	46°, 95%, 45%
XYZ	10.9764, 11.2083, 1.7572
YIQ	88.7850, 42.1850, -21.1350

Conversions

Conversions Part 2

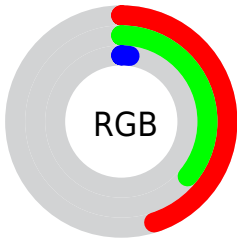
Format	Color
R_YB	38, 116, 6
Decimal	7625478
CIE Lab	39.93, 2.41, 45.89
CIE LCh	40, 45.951, 86.989
Yxy	11.2083, 0.4585, 0.4681
Android (android.graphics.Color)	4285815558 (0xFF745B06)
YUV	88.7850, -40.8130, 23.8676
Hunter-Lab	33.4788, -0.0647, 20.3232

Details

The XYZ color **10.9764, 11.2083, 1.7572** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3.7175, 2.2797, 16.7669**, and the grayscale version is **9.5291, 10.0253, 10.9176**.

A 20% lighter version of the original color is **27.3804, 28.1573, 8.4067**, and **3.0269, 3.0108, 0.4216** is the 20% darker color. If you saturate the color by 10%, you get **10.8282, 10.9645, 1.5457**, and if you desaturate by 10%, it is **11.2791, 11.6968, 2.2187**.

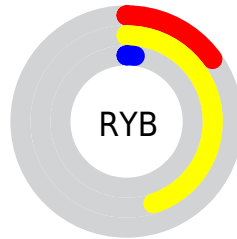
Distribution



Red (45%)

Green (36%)

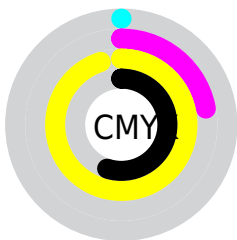
Blue (2%)



Red (15%)

Yellow (45%)

Blue (2%)

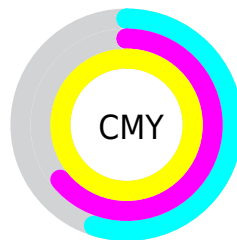


Cyan (0%)

Magenta (22%)

Yellow (95%)

Black (55%)



Cyan (55%)

Magenta (64%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.9764, 11.2083, 1.7572 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 10.9764, 11.2083, 1.7572 by changing the saturation by 10% instead.

■ 10.9764, 11.2083,
1.7572

■ 10.9764, 11.2083,
1.7572

■ 191.4172,
199.0911, 118.4848

■ 6.1181, 6.2071,
0.3995

■ 27.2499, 28.0447,
8.3657

■ 2.9584, 2.9714,
0.0000

■ 39.3958, 40.6487,
14.5567

■ 1.1318, 1.1168,
0.0000

■ 54.7016, 56.5558,
23.2302

■ 0.0515, 0.0000,
0.0000


■ 73.5327, 76.1504,
34.8048


■ 0.0000, 0.0000,
0.0000


■ 96.2545, 99.8168,
49.6990


■ 123.2323,


127.9394, 68.3314


 154.8314,
160.9027, 91.1205


 10.9764, 11.2083,
1.7572


 10.9764, 11.2083,
1.7572


 10.8282, 10.9645,
1.5457

 11.2791, 11.6968,
2.2187

 11.6347, 12.2188,
2.9209

 12.0527, 12.7786,
3.9112

 12.5384, 13.3786,
5.2182

 13.0967, 14.0208,
6.8671

■ 13.7321, 14.7071,
8.8806

■ 14.4484, 15.4392,
11.2792

■ 15.2495, 16.2187,
14.0821

■ 16.1387, 17.0471,
17.3073

Harmonies

Analogous

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



14.3286, 11.2083, 2.6414



10.9764, 11.2083, 1.7572



8.1209, 11.2083, 2.3246

Triad

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



10.9764, 11.2083, 1.7572



6.0946, 11.2083, 21.9570



16.6215, 11.2083, 24.3900

Complementary

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



10.9764, 11.2083, 1.7572



3.7175, 2.2797, 16.7669

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.



13.6637, 11.2083, 35.2864



10.9764, 11.2083, 1.7572



7.6670, 11.2083, 33.4587

Square

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



10.9764, 11.2083, 1.7572



5.6542, 11.2083, 11.3101



10.3363, 11.2083, 39.2322



17.9680, 11.2083, 13.1436

Rectangle

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



10.9764, 11.2083, 1.7572



6.7907, 11.2083, 3.7523



10.3363, 11.2083, 39.2322



15.7573, 11.2083, 28.3927

Sweetspot

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



10.9767, 11.2089, 1.7574



24.8914, 26.6299, 18.1061



7.5238, 3.9458, 1.7082



5.8339, 6.2460, 3.9715



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.



10.9767, 11.2089, 1.7574



18.9361, 19.0777, 2.6843



10.1777, 14.5141, 2.4375



3.8995, 4.1319, 3.9343



12.1377, 12.2766, 1.7299



58.4829, 58.4943, 8.2081

Inverse Universe

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



3.7175, 2.2797, 16.7669



6.1188, 3.3715, 29.3728



3.9221, 1.7545, 16.6548



3.5619, 3.7125, 4.6191



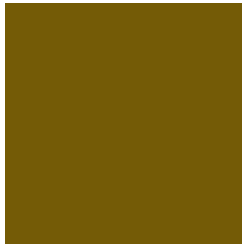
3.9486, 2.2369, 18.7662



18.6924, 9.8013, 91.2669

Previews

White Background



This preview shows how the XYZ color 10.9764, 11.2083, 1.7572 looks on a white background.

Color Contrast Check

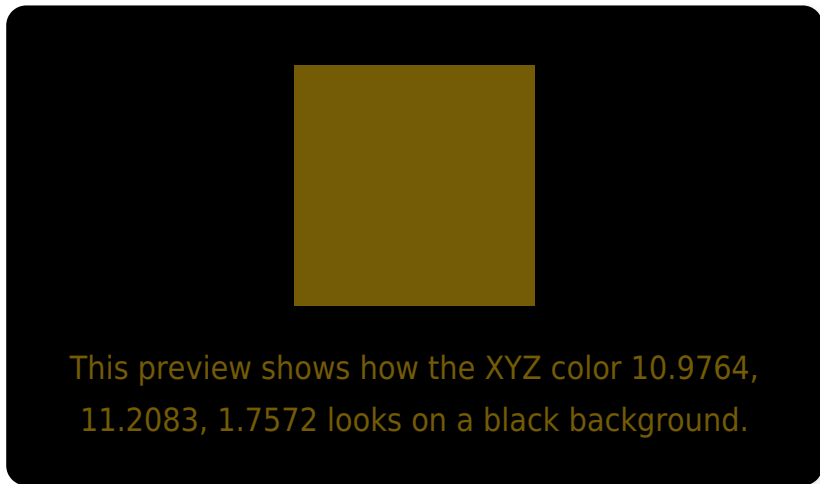
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.9764, 11.2083, 1.7572

Background



This preview shows how black text looks on a background with the XYZ color 10.9764, 11.2083, 1.7572.



This preview shows how white text looks on a background with the XYZ color 10.9764, 11.2083,

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

10.9764, 11.2083, 1.7572

Protanopia

10.1994, 11.3277, 1.8786

Deuteranopia

11.3132, 11.2540, 1.8344



Tritanopia

13.0220, 11.3173, 11.3956

Trichromacy



Original Color

10.9764, 11.2083, 1.7572

Protanomaly

10.4715, 11.3357, 1.8371

Deuteranomaly

11.1712, 11.1814, 1.7992

Tritanomaly

11.8316, 11.0646, 5.7871

Monochromacy



Original Color

10.9764, 11.2083, 1.7572

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

9.5912, 10.2807, 5.6165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.9764, 11.2083, 1.7572 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(116, 91, 6)` looks like.

```
.text, #text, p{  
    color:rgb(116, 91, 6)  
}
```

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(116, 91, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 91, 6) }
```

Border

The CSS property to change the border of an element to XYZ 10.9764, 11.2083, 1.7572 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(116, 91, 6) }
```


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

```
.border{ border-color:rgb(116, 91, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 91, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 91, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 91, 6);  
box-shadow:4px 4px 4px 4px rgb(116, 91, 6)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.9764, 11.2083, 1.7572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 91, 6) }
```

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

```
.background{ background-color: rgb(116, 91,  
6) }
```

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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