

Converting Colors

XYZ(10.4133, 11.8426, 0.0000)

Have a look what the booklet for
XYZ(10.4133, 11.8426, 0.0000)
contains.

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Color

**XYZ(10.7981, 12.0504,
1.7568)**

Conversions

Conversions Part 1

Format	Color
Hex	6E6200
RGB	110, 98, 0
RGB Percent	43%, 38%, 0%
CMY	0.5686, 0.6157, 1.0000
CMYK	0.00, 0.11, 1.00, 0.57
HSL	53°, 100%, 22%
HSV	53°, 100%, 43%
XYZ	10.7981, 12.0504, 1.7568
YIQ	90.4160, 38.6100, -27.9340

Conversions

Conversions Part 2

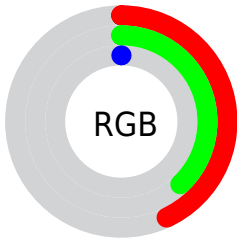
Format	Color
R_YB	13, 110, 0
Decimal	7234048
CIE Lab	41.30, -4.80, 48.25
CIE LCh	41, 48.487, 95.686
Yxy	12.0504, 0.4389, 0.4897
Android (android.graphics.Color)	4285424128 (0xFF6E6200)
YUV	90.4160, -44.5751, 17.1752
Hunter-Lab	34.7137, -5.2244, 21.2990

Details

The XYZ color **10.7981, 12.0504, 1.7568** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2.9460, 1.3887, 14.8645**, and the grayscale version is **9.9035, 10.4192, 11.3465**.

A 20% lighter version of the original color is **26.8964, 29.4949, 8.4132**, and **2.9729, 3.3555, 0.4910** is the 20% darker color. If you saturate the color by 10%, you get **10.7983, 12.0509, 1.7569**, and if you desaturate by 10%, it is **10.9719, 12.3013, 2.1128**.

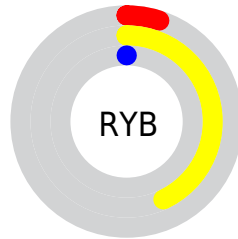
Distribution



Red (43%)

Green (38%)

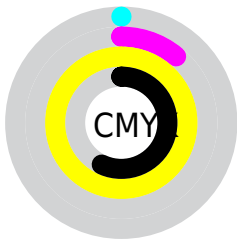
Blue (0%)



Red (5%)

Yellow (43%)

Blue (0%)

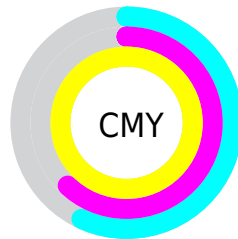


Cyan (0%)

Magenta (11%)

Yellow (100%)

Black (57%)



Cyan (57%)


Magenta (62%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 10.7981, 12.0504, 1.7568 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 10.7981, 12.0504, 1.7568 by changing the saturation by 10% instead.


 10.7981, 12.0504,
1.7568


 10.7981, 12.0504,
1.7568


 190.2141,
204.7387, 118.4782


 5.9975, 6.7780,
0.3992


 26.9225, 29.5869,
8.3646


 2.8842, 3.3237,
0.0000

 38.9770, 42.6197,
14.5551


 1.0928, 1.3030,
0.0000

 54.1802, 59.0082,
23.2280

 0.0191, 0.1435,
0.0000


 72.8975, 79.1367,
34.8019


 0.0000, 0.0000,
0.0000


 95.4942, 103.3896,
49.6953


 122.3356,


132.1513, 68.3268


 153.7871,
165.8062, 91.1149


 10.7981, 12.0504,
1.7568


 10.7981, 12.0504,
1.7568


 10.7983, 12.0509,
1.7569

 10.9719, 12.3013,
2.1128

 11.1711, 12.5647,
2.5957

 11.4173, 12.8496,
3.3176

 11.7156, 13.1580,
4.3055

 12.0705, 13.4918,
5.5829

■ 12.4859, 13.8526,
7.1705

■ 12.9655, 14.2417,
9.0874

■ 13.5125, 14.6607,
11.3508

■ 14.1300, 15.1106,
13.9771

Harmonies

Analogous

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



14.4617, 12.0504, 2.2154



10.7981, 12.0504, 1.7568



7.9518, 12.0504, 2.8531

Triad

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



10.7981, 12.0504, 1.7568



6.8015, 12.0504, 27.9260



18.7668, 12.0504, 22.7916

Complementary

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



10.7981, 12.0504, 1.7568



2.9460, 1.3887, 14.8645

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.



15.8567, 12.0504, 35.9005



10.7981, 12.0504, 1.7568



8.8944, 12.0504, 39.7768

Square

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



10.7981, 12.0504, 1.7568



5.9667, 12.0504, 15.1296



12.1350, 12.0504, 43.2644



19.5633, 12.0504, 11.2983

Rectangle

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



10.7981, 12.0504, 1.7568



6.7363, 12.0504, 4.9651



12.1350, 12.0504, 43.2644



17.9779, 12.0504, 27.3037

Sweetspot

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



10.7984, 12.0510, 1.7570



22.6982, 24.9548, 15.6669



6.5020, 3.3437, 0.6780



5.2185, 5.7564, 3.3895



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



10.7984, 12.0510, 1.7570



18.9117, 21.0591, 3.0681



7.9483, 12.3748, 1.9698



3.6123, 3.8572, 3.6275



12.9596, 14.4518, 2.1064



64.1728, 71.2208, 10.3647

Inverse Universe

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



2.9460, 1.3887, 14.8645



5.1218, 2.3352, 26.0880



3.7762, 1.6217, 14.8657



3.2442, 3.3537, 4.2306



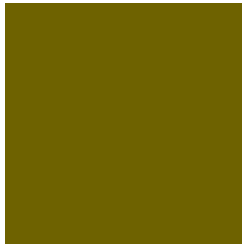
3.5259, 1.6421, 17.8527



17.2340, 7.5198, 88.8223

Previews

White Background



This preview shows how the XYZ color 10.7981, 12.0504, 1.7568 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 10.7981, 12.0504, 1.7568

Background



This preview shows how black text looks on a background with the XYZ color 10.7981, 12.0504, 1.7568.



This preview shows how white text looks on a background with the XYZ color 10.7981, 12.0504,

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

10.7981, 12.0504, 1.7568

Protanopia

10.7981, 12.0504, 1.7568

Deuteranopia

12.1491, 12.0662, 2.0365



Tritanopia

13.1481, 12.0770, 13.1934

Trichromacy



Original Color

10.7981, 12.0504, 1.7568

Protanomaly

10.7981, 12.0504, 1.7568

Deuteranomaly

11.6073, 12.0535, 1.9445

Tritanomaly

11.8116, 11.9306, 6.2377

Monochromacy



Original Color

10.7981, 12.0504, 1.7568

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

9.5826, 10.6655, 5.4245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.7981, 12.0504, 1.7568 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(110, 98, 0)` looks like.

```
.text, #text, p{  
    color:rgb(110, 98, 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(110, 98, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 98, 0) }
```

Border

The CSS property to change the border of an element to XYZ 10.7981, 12.0504, 1.7568 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(110, 98, 0) }
```


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

```
.border{ border-color:rgb(110, 98, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 98, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 98, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 98, 0);  
box-shadow:4px 4px 4px 4px rgb(110, 98, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.7981, 12.0504, 1.7568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 98, 0) }
```

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

```
.background{ background-color: rgb(110, 98,  
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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