

Converting Colors

XYZ(7.0703, 11.3126, 8.7399)

Have a look what the booklet for
XYZ(7.0703, 11.3126, 8.7399)
contains.

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Color

**XYZ(7.0761, 11.2981,
8.8290)**

Conversions

Conversions Part 1

Format	Color
Hex	1C6B4D
RGB	28, 107, 77
RGB Percent	11%, 42%, 30%
CMY	0.8902, 0.5804, 0.6980
CMYK	0.74, 0.00, 0.28, 0.58
HSL	157°, 59%, 26%
HSV	157°, 74%, 42%
XYZ	7.0761, 11.2981, 8.8290
YIQ	79.9590, -37.4540, -26.0780

Conversions

Conversions Part 2

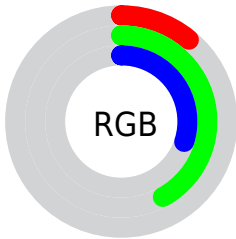
Format	Color
R_{YB}	28, 77, 107
Decimal	1862477
CIE _{Lab}	40.08, -31.38, 10.12
CIE _{LCh}	40, 32.968, 162.123
Yxy	11.2981, 0.2601, 0.4153
Android (android.graphics.Color)	4280052557 (0xFF1C6B4D)
YUV	79.9590, -1.4588, -45.5680
Hunter-Lab	33.6126, -21.2445, 7.9552

Details

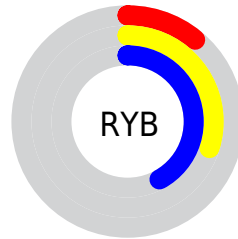
The XYZ color **7.0761, 11.2981, 8.8290** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7.2427, 4.2619, 4.4440**, and the grayscale version is **7.6252, 8.0223, 8.7363**.

A 20% lighter version of the original color is **19.8202, 28.1875, 24.1348**, and **1.8385, 3.2377, 1.9669** is the 20% darker color. If you saturate the color by 10%, you get **6.6950, 11.1180, 8.0856**, and if you desaturate by 10%, it is **7.5709, 11.5364, 9.6250**.

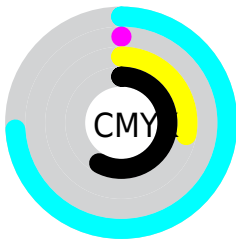
Distribution



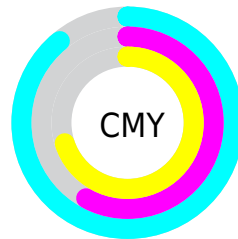
- Red (11%)
- Green (42%)
- Blue (30%)



- Red (11%)
- Yellow (30%)
- Blue (42%)



- Cyan (74%)
- Magenta (0%)
- Yellow (28%)
- Black (58%)





- Cyan (89%)
- Magenta (58%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 7.0761, 11.2981, 8.8290 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 7.0761, 11.2981, 8.8290 by changing the saturation by 10% instead.


 7.0761, 11.2981,
8.8290


 7.0761, 11.2981,
8.8290


162.8255,
199.7014, 192.2679


 3.5565, 6.2677,
4.5345


 19.8294, 28.2101,
24.1407


 1.4544, 3.0085,
1.9229

 29.7937, 40.8605,
35.9951


 0.2945, 1.1362,
0.5073

 42.6370, 56.8197,
51.2065

 0.0000, 0.0086,
0.0000

 58.7247, 76.4721,
70.1935

 0.0000, 0.0000,
0.0000

 78.4220, 100.2021,
93.3745

 102.0943,

128.3940, 121.1683

130.1070,
161.4323, 153.9932

■ 7.0761, 11.2981,
8.8290

■ 7.0761, 11.2981,
8.8290

■ 6.6950, 11.1180,
8.0856

■ 7.5709, 11.5364,
9.6250

■ 6.4108, 10.9865,
7.3925

■ 8.1887, 11.8367,
10.4741

■ 6.2522, 10.9135,
6.9883

■ 8.9387, 12.2041,
11.3779

■ 9.8290, 12.6427,
12.3374

■ 10.8669, 13.1564,
13.3539

■ 12.0594, 13.7486,
14.4283

■ 13.4129, 14.4227,
15.5617

■ 14.9334, 15.1817,
16.7552

■ 16.6267, 16.0286,
18.0096

Harmonies

Analogous

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



8.0528, 11.2981, 5.1297



7.0761, 11.2981, 8.8290



6.9900, 11.2981, 15.1381

Triad

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



7.0761, 11.2981, 8.8290



11.6879, 11.2981, 29.1621



14.3383, 11.2981, 5.6446

Complementary

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



7.0761, 11.2981, 8.8290



7.2427, 4.2619, 4.4440

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.



15.6327, 11.2981, 9.8438



7.0761, 11.2981, 8.8290



13.9634, 11.2981, 24.1947

Square

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



7.0761, 11.2981, 8.8290



9.4454, 11.2981, 28.5847



15.4865, 11.2981, 16.5831



12.1446, 11.2981, 3.7916

Rectangle

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



7.0761, 11.2981, 8.8290



7.4306, 11.2981, 20.2794



15.4865, 11.2981, 16.5831



14.9061, 11.2981, 6.7504

Sweetspot

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



7.0764, 11.2985, 8.8293



19.7015, 23.6782, 24.1384



7.2290, 11.5078, 2.9388



4.6738, 5.6841, 5.7537



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.



7.0764, 11.2985, 8.8293



11.5878, 19.7221, 13.5168



7.4805, 10.0037, 15.4471



3.1355, 3.4734, 3.6972



7.5908, 13.2704, 8.4223



38.2461, 67.4455, 40.6385

Inverse Universe

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



7.2427, 4.2619, 4.4440



11.9267, 6.3080, 5.2665



6.9416, 4.5465, 1.6103



3.1429, 3.1340, 3.4828



7.8414, 3.9887, 2.7935



39.5606, 20.1662, 12.1547

Previews

White Background



This preview shows how the XYZ color 7.0761, 11.2981, 8.8290 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 7.0761, 11.2981, 8.8290 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 7.0761, 11.2981, 8.8290

Background



This preview shows how black text looks on a background with the XYZ color 7.0761, 11.2981, 8.8290.



This preview shows how white text looks on a background with the XYZ color 7.0761, 11.2981, 8.8290.

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

7.0761, 11.2981, 8.8290

Protanopia

10.5069, 11.2270, 7.5745

Deuteranopia

11.3257, 11.0946, 9.3291



Tritanopia

8.7582, 11.3837, 16.7746

Trichromacy



Original Color

7.0761, 11.2981, 8.8290

Protanomaly

8.4885, 10.8606, 7.9522

Deuteranomaly

8.8553, 10.6072, 9.1701

Tritanomaly

8.0018, 11.2136, 13.5471

Monochromacy



Original Color

7.0761, 11.2981, 8.8290

Achromatopsia

7.6249, 8.0220, 8.7359

Achromatomaly

6.9919, 8.8689, 8.7405

CSS Examples

Text

The CSS property to change the color of the text to XYZ 7.0761, 11.2981, 8.8290 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(28, 107, 77)` looks like.

```
.text, #text, p{  
    color:rgb(28, 107, 77)  
}
```

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(28, 107, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 107, 77) }
```

Border

The CSS property to change the border of an element to XYZ 7.0761, 11.2981, 8.8290 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(28, 107, 77) }
```


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

```
.border{ border-color:rgb(28, 107, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 107, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 107, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 107, 77);  
box-shadow:4px 4px 4px 4px rgb(28, 107,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 7.0761, 11.2981, 8.8290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 107, 77) }
```

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

```
.background{ background-color: rgb(28, 107,  
77) }
```

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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