

Converting Colors

XYZ(11.2881, 12.0142, 8.5615)

Have a look what the booklet for
XYZ(11.2881, 12.0142, 8.5615)
contains.

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Color

**XYZ(11.2881, 12.0142,
8.5615)**

Conversions

Conversions Part 1

Format	Color
Hex	68614C
RGB	104, 97, 76
RGB Percent	41%, 38%, 30%
CMY	0.5922, 0.6196, 0.7020
CMYK	0.00, 0.07, 0.27, 0.59
HSL	45°, 16%, 35%
HSV	45°, 27%, 41%
XYZ	11.2881, 12.0142, 8.5615
YIQ	96.6990, 10.9130, -5.0470

Conversions

Conversions Part 2

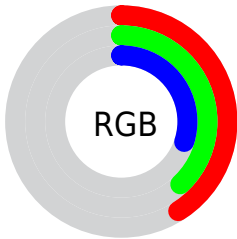
Format	Color
R_{YB}	85, 104, 76
Decimal	6840652
CIE Lab	41.24, -0.95, 13.00
CIE LCh	41, 13.039, 94.166
Yxy	12.0142, 0.3543, 0.3770
Android (android.graphics.Color)	4285030732 (0xFF68614C)
YUV	96.6990, -10.2046, 6.4030
Hunter-Lab	34.6615, -2.5261, 9.6182

Details

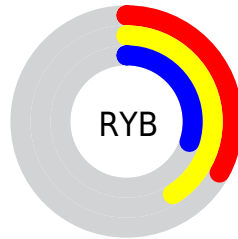
The XYZ color **11.2881, 12.0142, 8.5615** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8.5724, 8.7223, 14.3285**, and the grayscale version is **11.3110, 11.9001, 12.9592**.

A 20% lighter version of the original color is **27.8091, 29.6290, 23.6553**, and **3.0754, 3.3127, 1.8438** is the 20% darker color. If you saturate the color by 10%, you get **10.7192, 11.4091, 6.7300**, and if you desaturate by 10%, it is **11.9239, 12.6596, 10.7041**.

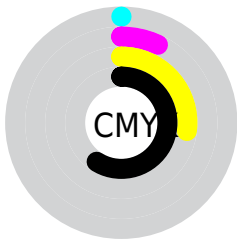
Distribution



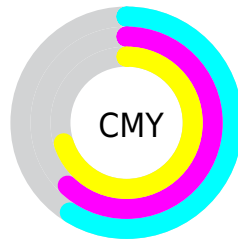
- Red (41%)
- Green (38%)
- Blue (30%)



- Red (33%)
- Yellow (41%)
- Blue (30%)



- Cyan (0%)
- Magenta (7%)
- Yellow (27%)
- Black (59%)



- Cyan (59%)
- Magenta (62%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2881, 12.0142, 8.5615 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 11.2881, 12.0142, 8.5615 by changing the saturation by 10% instead.

■ 11.2881, 12.0142,
8.5615

■ 11.2881, 12.0142,
8.5615

193.5013,
204.4993, 190.1682

■ 6.3297, 6.7534,
4.3634

■ 27.8199, 29.5210,
23.6162

■ 3.0891, 3.3083,
1.8267

■ 40.1241, 42.5357,
35.3098

■ 1.2011, 1.2947,
0.4455

■ 55.6075, 58.9038,
50.3391

■ 0.1072, 0.1371,
0.0000

■ 74.6356, 79.0097,
69.1224

■ 0.0000, 0.0000,
0.0000

■ 97.5736, 103.2378,
92.0785

124.7870,

131.9725, 119.6258

156.6411,
165.5982, 152.1828

■ 11.2881, 12.0142,
8.5615

■ 11.2881, 12.0142,
8.5615

■ 10.7192, 11.4091,
6.7300

■ 11.9239, 12.6596,
10.7041

■ 10.2136, 10.8412,
5.1940

■ 12.6285, 13.3447,
13.1709

■ 9.7682, 10.3099,
3.9377

■ 13.4046, 14.0713,
15.9750

■ 9.3799, 9.8136,
2.9437

■ 14.2547, 14.8405,
19.1287

■ 9.0447, 9.3507,
2.1924

■ 15.1811, 15.6532,
22.6437

■ 8.7583, 8.9193,
1.6614

■ 16.1858, 16.5104,
26.5310

■ 8.5086, 8.5144,
1.2869

■ 17.2711, 17.4131,
30.8013

■ 8.4339, 8.3930,
1.1755

■ 18.4389, 18.3622,
35.4649

■ 19.6911, 19.3585,
40.5314

Harmonies

Analogous

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



12.2264, 12.0142, 8.9474



11.2881, 12.0142, 8.5615



10.4322, 12.0142, 9.2431

Triad

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



11.2881, 12.0142, 8.5615



9.9857, 12.0142, 16.2148



13.1275, 12.0142, 15.4735

Complementary

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



11.2881, 12.0142, 8.5615



8.5724, 8.7223, 14.3285

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.



12.4664, 12.0142, 17.8578



11.2881, 12.0142, 8.5615



10.6482, 12.0142, 18.3254

Square

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



11.2881, 12.0142, 8.5615



9.7069, 12.0142, 13.4618



11.5512, 12.0142, 18.9643



13.3217, 12.0142, 12.7083

Rectangle

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



11.2881, 12.0142, 8.5615



10.0133, 12.0142, 10.2746



11.5512, 12.0142, 18.9643



12.9507, 12.0142, 16.3578

Sweetspot

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



11.2884, 12.0147, 8.5618



21.9875, 23.2514, 22.5102



9.8548, 8.7366, 9.3507



5.3270, 5.6368, 5.3597



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



11.2884, 12.0147, 8.5618



19.1938, 20.4353, 13.0356



11.1847, 12.9639, 8.7504



2.9853, 3.1581, 3.0267



10.3709, 10.2949, 1.4405



53.3716, 52.2571, 7.2736

Inverse Universe

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



8.5724, 8.7223, 14.3285



13.6091, 13.6668, 24.8978



8.6505, 8.0075, 14.1864



2.7433, 2.8646, 3.5403



3.5117, 2.0951, 16.3636



17.7091, 9.7148, 85.1432

Previews

White Background



This preview shows how the XYZ color 11.2881, 12.0142, 8.5615 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 11.2881, 12.0142, 8.5615 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

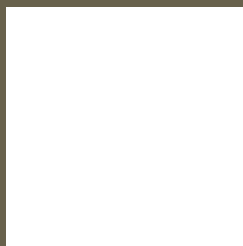
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.2881, 12.0142, 8.5615

Background



This preview shows how black text looks on a background with the XYZ color 11.2881, 12.0142, 8.5615.

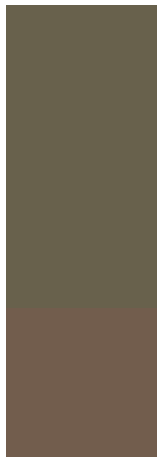


This preview shows how white text looks on a background with the XYZ color 11.2881, 12.0142,

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

11.2881, 12.0142, 8.5615

Protanopia

11.2881, 12.0142, 8.5615

Deuteranopia

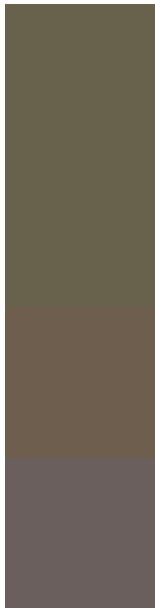
12.1933, 11.9419, 8.6835



Tritanopia

12.4151, 12.0708, 13.9875

Trichromacy



Original Color

11.2881, 12.0142, 8.5615

Protanomaly

11.2881, 12.0142, 8.5615

Deuteranomaly

11.7727, 11.8562, 8.6892

Tritanomaly

11.9678, 12.0213, 11.8148

Monochromacy



Original Color

11.2881, 12.0142, 8.5615

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.3334, 11.9800, 11.1662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2881, 12.0142, 8.5615 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(104, 97, 76)` looks like.

```
.text, #text, p{  
    color:rgb(104, 97, 76)  
}
```

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(104, 97, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 97, 76) }
```

Border

The CSS property to change the border of an element to XYZ 11.2881, 12.0142, 8.5615 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(104, 97, 76) }
```


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

```
.border{ border-color:rgb(104, 97, 76) }
```

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

Here you see how a box with a 4 pixel rgb(104, 97, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 97, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 97, 76);  
box-shadow:4px 4px 4px 4px rgb(104, 97,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2881, 12.0142, 8.5615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 97, 76) }
```

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

```
.background{ background-color: rgb(104, 97,  
76) }
```

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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