

Converting Colors

XYZ(11.3158, 12.0327, 8.1171)

Have a look what the booklet for
XYZ(11.3158, 12.0327, 8.1171)
contains.

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Color

**XYZ(11.3364, 12.0471,
8.2064)**

Conversions

Conversions Part 1

Format	Color
Hex	69614A
RGB	105, 97, 74
RGB Percent	41%, 38%, 29%
CMY	0.5882, 0.6196, 0.7098
CMYK	0.00, 0.08, 0.30, 0.59
HSL	45°, 17%, 35%
HSV	45°, 30%, 41%
XYZ	11.3364, 12.0471, 8.2064
YIQ	96.7700, 12.1510, -5.4570

Conversions

Conversions Part 2

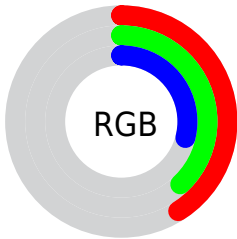
Format	Color
R_{YB}	85, 105, 74
Decimal	6906186
CIE Lab	41.29, -0.82, 14.30
CIE LCh	41, 14.320, 93.292
Yxy	12.0471, 0.3589, 0.3814
Android (android.graphics.Color)	4285096266 (0xFF69614A)
YUV	96.7700, -11.2256, 7.2177
Hunter-Lab	34.7089, -2.4402, 10.2780

Details

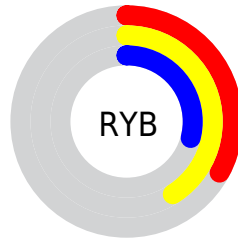
The XYZ color **11.3364, 12.0471, 8.2064** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8.3910, 8.5100, 14.5648**, and the grayscale version is **11.3307, 11.9208, 12.9817**.

A 20% lighter version of the original color is **28.0697, 29.7780, 23.0072**, and **3.1055, 3.3312, 1.7076** is the 20% darker color. If you saturate the color by 10%, you get **10.7659, 11.4257, 6.4143**, and if you desaturate by 10%, it is **11.9752, 12.7104, 10.3129**.

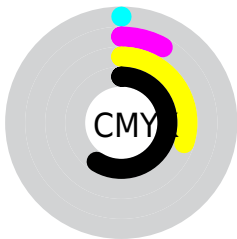
Distribution



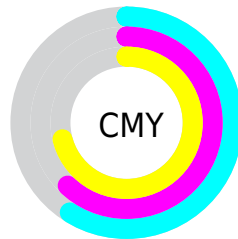
- Red (41%)
- Green (38%)
- Blue (29%)



- Red (33%)
- Yellow (41%)
- Blue (29%)



- Cyan (0%)
- Magenta (8%)
- Yellow (30%)
- Black (59%)



- Cyan (59%)
- Magenta (62%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3364, 12.0471, 8.2064 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 11.3364, 12.0471, 8.2064 by changing the saturation by 10% instead.

■ 11.3364, 12.0471,
8.2064

■ 11.3364, 12.0471,
8.2064

193.8221,
204.7169, 187.3367

■ 6.3625, 6.7758,
4.1376

■ 27.9080, 29.5809,
22.9149

■ 3.1095, 3.3223,
1.7012

■ 40.2365, 42.6121,
34.3917

■ 1.2119, 1.3022,
0.3615

■ 55.7473, 58.9987,
49.1750

■ 0.1158, 0.1429,
0.0000

■ 74.8056, 79.1251,
67.6832

■ 0.0000, 0.0000,
0.0000

■ 97.7769, 103.3758,
90.3350

125.0265,

132.1350, 117.5488

156.9198,
165.7872, 149.7432

■ 11.3364, 12.0471,
8.2064

■ 11.3364, 12.0471,
8.2064

■ 10.7659, 11.4257,
6.4143

■ 11.9752, 12.7104,
10.3129

■ 10.2597, 10.8431,
4.9205

■ 12.6840, 13.4151,
12.7475

■ 9.8148, 10.2984,
3.7083

■ 13.4660, 14.1629,
15.5239

■ 9.4277, 9.7901,
2.7594

■ 14.3235, 14.9551,
18.6549

■ 9.0943, 9.3165,
2.0530

■ 15.2590, 15.7926,
22.1525

■ 8.8101, 8.8754,
1.5654

■ 16.2746, 16.6765,
26.0283

■ 8.5559, 8.4593,
1.1963

■ 17.3726, 17.6079,
30.2932

■ 8.5439, 8.4398,
1.1787

■ 18.5551, 18.5875,
34.9578

■ 19.8240, 19.6165,
40.0323

Harmonies

Analogous

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



12.3692, 12.0471, 8.6526



11.3364, 12.0471, 8.2064



10.3914, 12.0471, 8.9032

Triad

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



11.3364, 12.0471, 8.2064



9.8648, 12.0471, 16.5044



13.3236, 12.0471, 15.8519

Complementary

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



11.3364, 12.0471, 8.2064



8.3910, 8.5100, 14.5648

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.



12.5790, 12.0471, 18.4870



11.3364, 12.0471, 8.2064



10.5783, 12.0471, 18.9018

Square

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



11.3364, 12.0471, 8.2064



9.5747, 12.0471, 13.4476



11.5652, 12.0471, 19.6767



13.5564, 12.0471, 12.7924

Rectangle

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



11.3364, 12.0471, 8.2064



9.9266, 12.0471, 9.9942



11.5652, 12.0471, 19.6767



13.1227, 12.0471, 16.8312

Sweetspot

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



11.3367, 12.0476, 8.2067



22.7478, 24.0559, 22.9493



9.8077, 8.5142, 9.1626



5.2944, 5.6016, 5.2562



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.



11.3367, 12.0476, 8.2067



19.6237, 20.8426, 12.5515



11.2995, 13.1812, 8.4274



3.2703, 3.4580, 3.3125



10.7880, 10.6258, 1.4824



54.2431, 52.6899, 7.3112

Inverse Universe

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



8.3910, 8.5100, 14.5648



13.4794, 13.4657, 25.8197



8.4121, 7.6773, 14.4030



3.0060, 3.1404, 3.8826



3.6994, 2.2331, 17.1583



18.2366, 10.1518, 87.2245

Previews

White Background



This preview shows how the XYZ color 11.3364, 12.0471, 8.2064 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 11.3364, 12.0471, 8.2064 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

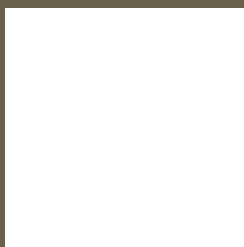
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.3364, 12.0471, 8.2064

Background



This preview shows how black text looks on a background with the XYZ color 11.3364, 12.0471, 8.2064.

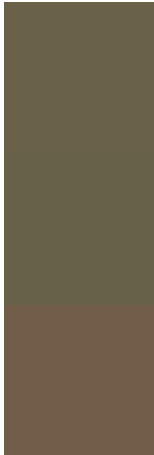


This preview shows how white text looks on a background with the XYZ color 11.3364, 12.0471,

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

11.3364, 12.0471, 8.2064

Protanopia

11.2196, 11.9869, 8.2009

Deuteranopia

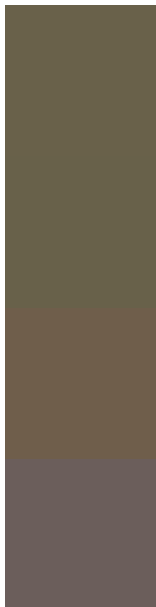
12.1238, 11.9141, 8.3173



Tritanopia

12.4477, 11.9564, 13.9637

Trichromacy



Original Color

11.3364, 12.0471, 8.2064

Protanomaly

11.2196, 11.9869, 8.2009

Deuteranomaly

11.8282, 11.8929, 8.3288

Tritanomaly

11.9544, 11.8865, 11.5618

Monochromacy



Original Color

11.3364, 12.0471, 8.2064

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 11.3364, 12.0471, 8.2064 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(105, 97, 74)` looks like.

```
.text, #text, p{  
    color:rgb(105, 97, 74)  
}
```

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(105, 97, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 97, 74) }
```

Border

The CSS property to change the border of an element to XYZ 11.3364, 12.0471, 8.2064 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(105, 97, 74) }
```


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

```
.border{ border-color:rgb(105, 97, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 97, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 97, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 97, 74);  
box-shadow:4px 4px 4px 4px rgb(105, 97,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3364, 12.0471, 8.2064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 97, 74) }
```

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

```
.background{ background-color: rgb(105, 97,  
74) }
```

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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