

Converting Colors

XYZ(11.1031, 12.0640, 12.3881)

Have a look what the booklet for
XYZ(11.1031, 12.0640, 12.3881)
contains.

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Color

**XYZ(11.0983, 12.1115,
12.3425)**

Conversions

Conversions Part 1

Format	Color
Hex	5E635E
RGB	94, 99, 94
RGB Percent	37%, 39%, 37%
CMY	0.6314, 0.6118, 0.6314
CMYK	0.05, 0.00, 0.05, 0.61
HSL	120°, 3%, 38%
HSV	120°, 5%, 39%
XYZ	11.0983, 12.1115, 12.3425
YIQ	96.9350, -1.3750, -2.6150

Conversions

Conversions Part 2

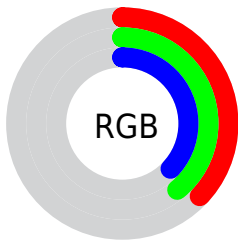
Format	Color
RYB	94, 99, 99
Decimal	6185822
CIELab	41.39, -3.00, 2.16
CIELCh	41, 3.694, 144.218
Yxy	12.1115, 0.3122, 0.3407
Android (android.graphics.Color)	4284375902 (0xFF5E635E)
YUV	96.9350, -1.4470, -2.5740
Hunter-Lab	34.8016, -3.9787, 3.3337

Details


The XYZ color **11.0983, 12.1115, 12.3425** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.4008, 11.5592, 13.4352**, and the grayscale version is **11.3503, 11.9414, 13.0041**.

A 20% lighter version of the original color is **27.4420, 29.7556, 30.6826**, and **3.0255, 3.3880, 3.2908** is the 20% darker color. If you saturate the color by 10%, you get **9.7314, 11.4553, 10.1065**, and if you desaturate by 10%, it is **12.6531, 12.8587, 14.8853**.

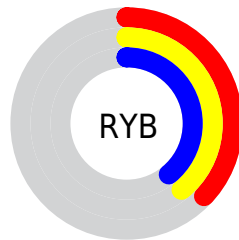
Distribution



 Red (37%)

 Green (39%)

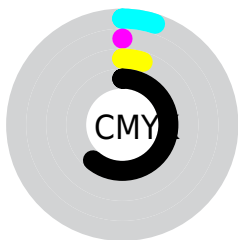
 Blue (37%)



 Red (37%)

 Yellow (39%)

 Blue (39%)

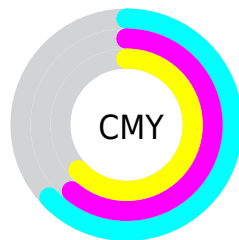


 Cyan (5%)

 Magenta (0%)

 Yellow (5%)

 Black (61%)



 Cyan (63%)

 Magenta (61%)

 Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0983, 12.1115, 12.3425 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 11.0983, 12.1115, 12.3425 by changing the saturation by 10% instead.

■ 11.0983, 12.1115,
12.3425

■ 11.0983, 12.1115,
12.3425

192.2351,
205.1421, 217.7175

■ 6.2008, 6.8197,
6.8520

■ 27.4731, 29.6980,
30.7911

■ 3.0094, 3.3496,
3.2927

■ 39.6812, 42.7615,
44.5862

■ 1.1587, 1.3168,
1.2460

■ 55.0567, 59.1843,
61.9867

■ 0.0734, 0.1542,
0.0169

■ 73.9652, 79.3508,
83.4110

■ 0.0000, 0.0000,
0.0000

96.7719, 103.6455,
109.2777

123.8422,

132.4526, 140.0053

155.5415,
166.1567, 176.0124

■ 11.0983, 12.1115,
12.3425

■ 11.0983, 12.1115,
12.3425

■ 9.7314, 11.4553,
10.1065

■ 12.6531, 12.8587,
14.8853

■ 8.5444, 10.8851,
8.1649

■ 14.4015, 13.6986,
17.7451

■ 7.5300, 10.3978,
6.5057

■ 16.3503, 14.6347,
20.9325

■ 6.6803, 9.9896,
5.1158

■ 18.5054, 15.6699,
24.4574

■ 5.9865, 9.6564,
3.9810

■ 20.8727, 16.8070,
28.3293

■ 5.4392, 9.3935,
3.0858

■ 23.4577, 18.0487,
32.5575

■ 5.0279, 9.1959,
2.4130

■ 26.2660, 19.3977,
37.1506

■ 4.7406, 9.0579,
1.9431

■ 29.3025, 20.8563,
42.1171

■ 4.5502, 8.9665,
1.6317

■ 32.5724, 22.4270,
47.4654

Harmonies

Analogous

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



11.3014, 12.1115, 11.8857



11.0983, 12.1115, 12.3425



11.0061, 12.1115, 13.0391

Triad

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



11.0983, 12.1115, 12.3425



11.4597, 12.1115, 14.7121



11.9884, 12.1115, 12.5907

Complementary

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



11.0983, 12.1115, 12.3425



11.4008, 11.5592, 13.4352

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.



12.0324, 12.1115, 13.3367



11.0983, 12.1115, 12.3425



11.7245, 12.1115, 14.5807

Square

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



11.0983, 12.1115, 12.3425



11.2127, 12.1115, 14.4222



11.9351, 12.1115, 14.0699



11.8158, 12.1115, 12.0251

Rectangle

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



11.0983, 12.1115, 12.3425



11.0189, 12.1115, 13.5535



11.9351, 12.1115, 14.0699



12.0188, 12.1115, 12.8279

Sweetspot

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



11.0986, 12.1120, 12.3428



19.8027, 21.1438, 22.4228



11.6283, 12.3851, 12.3675



4.7185, 5.0313, 5.3485



49.6657, 52.2522, 56.9026



4.8358, 5.0876, 5.5404

Same Dimension

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



11.0986, 12.1120, 12.3428



18.7601, 20.6430, 20.7175



11.2127, 12.1576, 12.9435



2.6350, 2.9000, 2.9094



5.8163, 11.6325, 1.9389



31.0719, 62.1437, 10.3577

Inverse Universe

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



11.4008, 11.5592, 13.4352



19.3889, 19.4928, 22.9904



11.2831, 11.5121, 12.8151



2.7237, 2.7377, 3.2301



9.6430, 4.6321, 15.7717



51.5151, 24.7455, 84.2555

Previews

White Background



This preview shows how the XYZ color 11.0983, 12.1115, 12.3425 looks on a white background.

Color Contrast Check

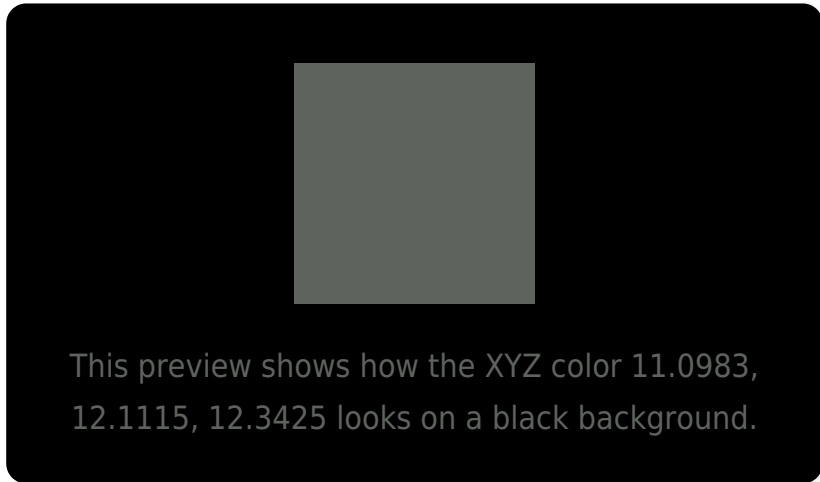
Large Text (above 18pt) WCAG AA ✓ Pass

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

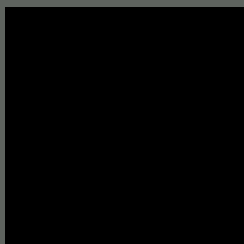
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.0983, 12.1115, 12.3425

Background



This preview shows how black text looks on a background with the XYZ color 11.0983, 12.1115, 12.3425.



This preview shows how white text looks on a background with the XYZ color 11.0983, 12.1115,

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

11.0983, 12.1115, 12.3425

Protanopia

11.5060, 12.0490, 12.0752

Deuteranopia

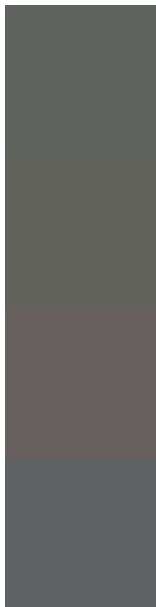
12.2526, 12.0198, 12.5007



Tritanopia

11.6484, 12.0561, 15.0777

Trichromacy



Original Color

11.0983, 12.1115, 12.3425

Protanomaly

11.3805, 12.1223, 12.0960

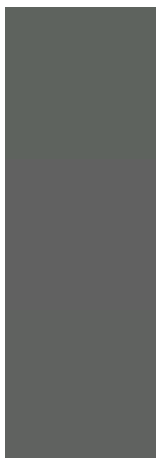
Deuteranomaly

11.8419, 12.0755, 12.5331

Tritanomaly

11.4360, 12.1078, 14.0462

Monochromacy



Original Color

11.0983, 12.1115, 12.3425

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.3029, 12.0667, 12.7997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0983, 12.1115, 12.3425 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(94, 99, 94) looks like.

```
.text, #text, p{  
    color:rgb(94, 99, 94)  
}
```

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(94, 99, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 99, 94) }
```

Border

The CSS property to change the border of an element to XYZ 11.0983, 12.1115, 12.3425 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(94, 99, 94) }
```


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

```
.border{ border-color:rgb(94, 99, 94) }
```

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

Here you see how a box with a 4 pixel rgb(94, 99, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 99, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 99, 94);  
box-shadow:4px 4px 4px 4px rgb(94, 99, 94)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.0983, 12.1115, 12.3425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 99, 94) }
```

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

```
.background{ background-color: rgb(94, 99,  
94) }
```

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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