

Converting Colors

XYZ(11.0703, 11.1329, 12.6155)

Have a look what the booklet for
XYZ(11.0703, 11.1329, 12.6155)
contains.

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Color

**XYZ(11.0841, 11.1515,
12.6346)**

Conversions

Conversions Part 1

Format	Color
Hex	635C60
RGB	99, 92, 96
RGB Percent	39%, 36%, 38%
CMY	0.6118, 0.6392, 0.6235
CMYK	0.00, 0.07, 0.03, 0.61
HSL	326°, 4%, 37%
HSV	326°, 7%, 39%
XYZ	11.0841, 11.1515, 12.6346
YIQ	94.5490, 2.8880, 2.7280

Conversions

Conversions Part 2

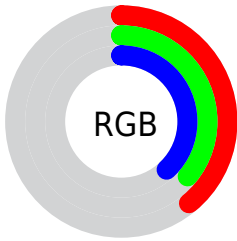
Format	Color
R_{YB}	99, 92, 96
Decimal	6511712
CIE Lab	39.83, 3.62, -1.28
CIE LCh	40, 3.837, 340.444
Yxy	11.1515, 0.3179, 0.3198
Android (android.graphics.Color)	4284701792 (0xFF635C60)
YUV	94.5490, 0.7153, 3.9035
Hunter-Lab	33.3939, 0.8085, 0.9433

Details

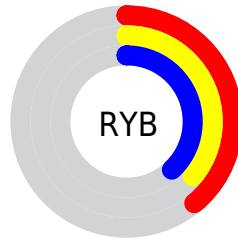
The XYZ color **11.0841, 11.1515, 12.6346** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.9415, 12.0256, 12.5716**, and the grayscale version is **10.7677, 11.3285, 12.3367**.

A 20% lighter version of the original color is **27.4390, 27.9054, 31.1342**, and **3.0209, 2.9412, 3.4261** is the 20% darker color. If you saturate the color by 10%, you get **10.0919, 9.4712, 11.3657**, and if you desaturate by 10%, it is **12.1996, 13.0612, 13.9969**.

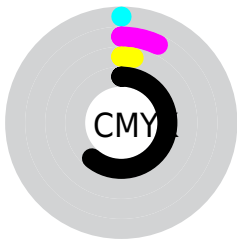
Distribution



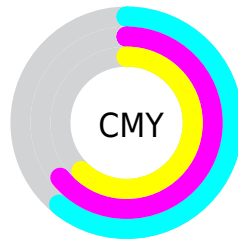
- Red (39%)
- Green (36%)
- Blue (38%)



- Red (39%)
- Yellow (36%)
- Blue (38%)



- Cyan (0%)
- Magenta (7%)
- Yellow (3%)
- Black (61%)



- Cyan (61%)
- Magenta (64%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0841, 11.1515, 12.6346 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 11.0841, 11.1515, 12.6346 by changing the saturation by 10% instead.

■ 11.0841, 11.1515,
12.6346

■ 11.0841, 11.1515,
12.6346

192.1400,
198.7040, 219.6874

■ 6.1911, 6.1688,
7.0497

■ 27.4472, 27.9400,
31.3272

■ 3.0034, 2.9480,
3.4143

■ 39.6480, 40.5146,
45.2720

■ 1.1556, 1.1047,
1.3099

■ 55.0154, 56.3886,
62.8405

■ 0.0708, 0.0000,
0.0698

■ 73.9149, 75.9465,
84.4513

■ 0.0000, 0.0000,
0.0000

■ 96.7117, 99.5725,
110.5228

123.7713,

127.6512, 141.4736

155.4589,
160.5669, 177.7223

■ 11.0841, 11.1515,
12.6346

■ 11.0841, 11.1515,
12.6346

■ 10.0919, 9.4712,
11.3657

■ 12.1996, 13.0612,
13.9969

■ 9.2175, 8.0102,
10.1873

■ 13.4417, 15.2070,
15.4541

■ 8.4565, 6.7596,
9.0970

■ 14.8148, 17.5973,
17.0087

■ 7.8039, 5.7096,
8.0924

■ 16.3226, 20.2395,
18.6625

■ 7.2540, 4.8495,
7.1708

■ 17.9689, 23.1407,
20.4176

6.8010, 4.1674,
6.3293

19.7571, 26.3079,
22.2760

6.4382, 3.6505,
5.5647

21.6908, 29.7475,
24.2394

6.1579, 3.2838,
4.8735

23.7733, 33.4659,
26.3097

5.9359, 3.0192,
4.2466

26.0076, 37.4693,
28.4886

Harmonies

Analogous

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



10.9314, 11.1515, 13.2809



11.0841, 11.1515, 12.6346



11.1056, 11.1515, 11.8808

Triad

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



11.0841, 11.1515, 12.6346



10.5075, 11.1515, 10.7695



10.2180, 11.1515, 13.1085

Complementary

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



11.0841, 11.1515, 12.6346



10.9415, 12.0256, 12.5716

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.



10.1084, 11.1515, 12.4072



11.0841, 11.1515, 12.6346



10.2737, 11.1515, 11.0703

Square

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



11.0841, 11.1515, 12.6346



10.7698, 11.1515, 10.8247



10.1286, 11.1515, 11.6625



10.4304, 11.1515, 13.5623

Rectangle

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



11.0841, 11.1515, 12.6346



11.0423, 11.1515, 11.4212



10.1286, 11.1515, 11.6625



10.1681, 11.1515, 12.8927

Sweetspot

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



11.0844, 11.1520, 12.6348



19.9466, 20.7220, 22.8250



10.7904, 10.9841, 13.3561



4.7496, 4.9399, 5.4357



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.



11.0844, 11.1520, 12.6348



18.8065, 18.7764, 21.4137



10.9305, 11.0904, 11.8246



2.6268, 2.6117, 2.9891



7.6358, 3.8292, 5.2020



40.3444, 20.2772, 25.4316

Inverse Universe

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



11.0844, 11.1520, 12.6348



18.8065, 18.7764, 21.4137



11.1002, 12.0891, 13.4073



2.6268, 2.6117, 2.9891



7.6358, 3.8292, 5.2020



40.3444, 20.2772, 25.4316

Previews

White Background



This preview shows how the XYZ color 11.0841, 11.1515, 12.6346 looks on a white background.

Color Contrast Check

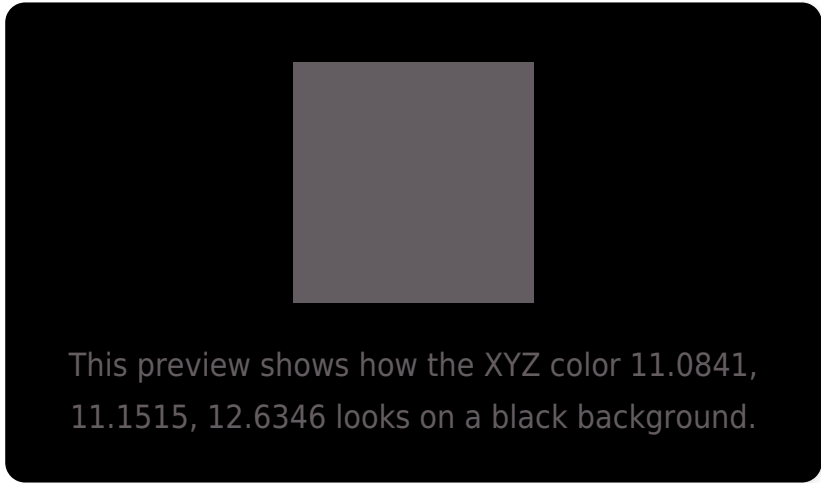
Large Text (above 18pt) WCAG AA ✓ Pass

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

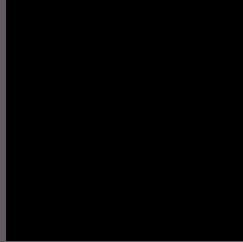
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.0841, 11.1515, 12.6346

Background



This preview shows how black text looks on a background with the XYZ color 11.0841, 11.1515, 12.6346.



This preview shows how white text looks on a background with the XYZ color 11.0841, 11.1515,

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

11.0841, 11.1515, 12.6346

Protanopia

10.7913, 11.1247, 12.8878

Deuteranopia

11.3319, 11.1515, 12.6215



Tritanopia

11.2249, 11.2078, 13.3761

Trichromacy

**Original Color**

11.0841, 11.1515, 12.6346

Protanomaly

10.8959, 11.1786, 12.8927

Deuteranomaly

11.2192, 11.0934, 12.6163

Tritanomaly

11.1773, 11.1888, 13.1258

Monochromacy

**Original Color**

11.0841, 11.1515, 12.6346

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

10.8921, 11.3184, 12.4371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0841, 11.1515, 12.6346 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(99, 92, 96) looks like.

```
.text, #text, p{  
    color:rgb(99, 92, 96)  
}
```

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(99, 92, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 92, 96) }
```

Border

The CSS property to change the border of an element to XYZ 11.0841, 11.1515, 12.6346 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(99, 92, 96) }
```


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

```
.border{ border-color:rgb(99, 92, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 92, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 92, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 92, 96);  
box-shadow:4px 4px 4px 4px rgb(99, 92, 96)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.0841, 11.1515, 12.6346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 92, 96) }
```

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

```
.background{ background-color: rgb(99, 92,  
96) }
```

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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