

Converting Colors

XYZ(11.3900, 11.2396, 12.5818)

Have a look what the booklet for
XYZ(11.3900, 11.2396, 12.5818)
contains.

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Color

**XYZ(11.3319, 11.1515,
12.6215)**

Conversions

Conversions Part 1

Format	Color
Hex	665B60
RGB	102, 91, 96
RGB Percent	40%, 36%, 38%
CMY	0.6000, 0.6431, 0.6235
CMYK	0.00, 0.11, 0.06, 0.60
HSL	333°, 6%, 38%
HSV	333°, 11%, 40%
XYZ	11.3319, 11.1515, 12.6215
YIQ	94.8590, 4.9510, 3.8870

Conversions

Conversions Part 2

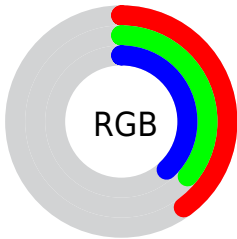
Format	Color
R_{YB}	102, 91, 96
Decimal	6708064
CIE _{Lab}	39.83, 5.42, -1.25
CIE _{LCh}	40, 5.565, 347.013
Yxy	11.1515, 0.3228, 0.3177
Android (android.graphics.Color)	4284898144 (0xFF665B60)
YUV	94.8590, 0.5625, 6.2627
Hunter-Lab	33.3939, 2.1331, 0.9665

Details

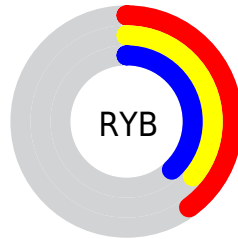
The XYZ color **11.3319, 11.1515, 12.6215** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.2239, 12.5903, 13.1485**, and the grayscale version is **10.8416, 11.4062, 12.4214**.

A 20% lighter version of the original color is **27.8501, 27.8974, 31.1110**, and **3.0897, 2.9193, 3.4182** is the 20% darker color. If you saturate the color by 10%, you get **10.2714, 9.4260, 11.0484**, and if you desaturate by 10%, it is **12.5297, 13.1223, 14.3301**.

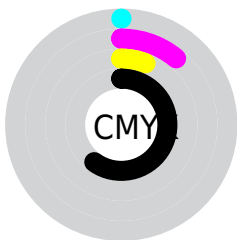
Distribution



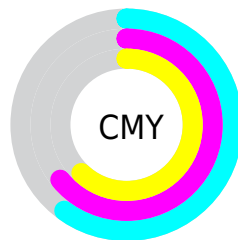
- Red (40%)
- Green (36%)
- Blue (38%)



- Red (40%)
- Yellow (36%)
- Blue (38%)



- Cyan (0%)
- Magenta (11%)
- Yellow (6%)
- Black (60%)



- Cyan (60%)
- Magenta (64%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3319, 11.1515, 12.6215 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 11.3319, 11.1515, 12.6215 by changing the saturation by 10% instead.

■ 11.3319, 11.1515,
12.6215

■ 11.3319, 11.1515,
12.6215

193.7923,
198.7040, 219.5994

■ 6.3595, 6.1688,
7.0408

■ 27.8998, 27.9400,
31.3032

■ 3.1076, 2.9480,
3.4088

■ 40.2261, 40.5146,
45.2414

■ 1.2109, 1.1047,
1.3070

■ 55.7342, 56.3886,
62.8024

■ 0.1150, 0.0000,
0.0675

■ 74.7898, 75.9465,
84.4048

■ 0.0000, 0.0000,
0.0000

■ 97.7580, 99.5725,
110.4671

125.0042,

127.6512, 141.4080

156.8939,
160.5669, 177.6459

■ 11.3319, 11.1515,
12.6215

■ 11.3319, 11.1515,
12.6215

■ 10.2714, 9.4260,
11.0484

■ 12.5297, 13.1223,
14.3301

■ 9.3422, 7.9347,
9.6067

■ 13.8687, 15.3461,
16.1770

■ 8.5390, 6.6679,
8.2927

■ 15.3539, 17.8319,
18.1655

■ 7.8562, 5.6143,
7.1026

■ 16.9896, 20.5881,
20.2990

■ 7.2872, 4.7621,
6.0322

■ 18.7800, 23.6225,
22.5804

6.8252, 4.0979,
5.0772

20.7292, 26.9426,
25.0127

6.4624, 3.6071,
4.2327

22.8409, 30.5557,
27.5987

6.1898, 3.2722,
3.4934

25.1191, 34.4688,
30.3412

5.9797, 3.0249,
2.8901

27.5673, 38.6886,
33.2429

Harmonies

Analogous

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



11.1462, 11.1515, 13.6352



11.3319, 11.1515, 12.6215



11.3179, 11.1515, 11.5363

Triad

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



11.3319, 11.1515, 12.6215



10.3855, 11.1515, 10.2377



10.1057, 11.1515, 13.7485

Complementary

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



11.3319, 11.1515, 12.6215



11.2239, 12.5903, 13.1485

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.



9.9115, 11.1515, 12.7687



11.3319, 11.1515, 12.6215



10.0704, 11.1515, 10.7621

Square

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



11.3319, 11.1515, 12.6215



10.7653, 11.1515, 10.2036



9.8987, 11.1515, 11.6750



10.4348, 11.1515, 14.3118

Rectangle

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



11.3319, 11.1515, 12.6215



11.1972, 11.1515, 10.9180



9.8987, 11.1515, 11.6750



10.0228, 11.1515, 13.4544

Sweetspot

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



11.3322, 11.1520, 12.6217



21.4686, 22.1784, 24.4200



11.0554, 10.9761, 14.1064



5.0305, 5.1759, 5.7127



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

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



11.3322, 11.1520, 12.6217



19.3693, 18.7332, 21.3981



11.1407, 11.1257, 11.4584



2.8763, 2.8652, 3.2213



7.6605, 3.8772, 3.6108



39.5231, 20.0492, 16.5636

Inverse Universe

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



11.3322, 11.1520, 12.6217



19.3693, 18.7332, 21.3981



11.4284, 12.6146, 14.4030



2.8763, 2.8652, 3.2213



7.6605, 3.8772, 3.6108



39.5231, 20.0492, 16.5636

Previews

White Background



This preview shows how the XYZ color 11.3319, 11.1515, 12.6215 looks on a white background.

Color Contrast Check

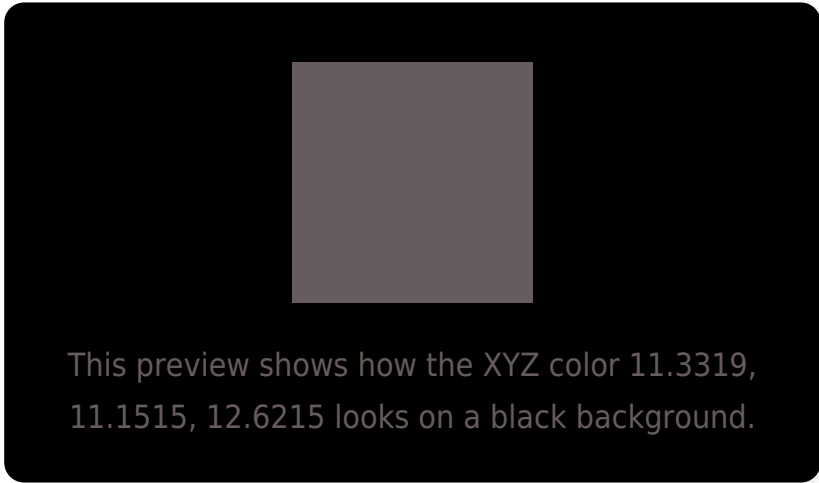
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.3319, 11.1515, 12.6215

Background



This preview shows how black text looks on a background with the XYZ color 11.3319, 11.1515, 12.6215.



This preview shows how white text looks on a background with the XYZ color 11.3319, 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

11.3319, 11.1515, 12.6215

Protanopia

10.7913, 11.1247, 12.8878

Deuteranopia

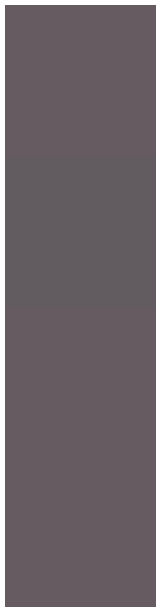
11.3319, 11.1515, 12.6215



Tritanopia

11.4252, 11.1888, 13.1128

Trichromacy



Original Color

11.3319, 11.1515, 12.6215

Protanomaly

11.0218, 11.1140, 12.8736

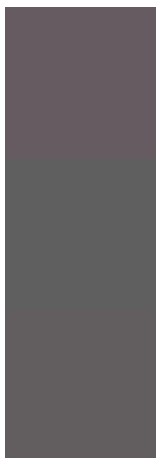
Deuteranomaly

11.3319, 11.1515, 12.6215

Tritanomaly

11.3782, 11.1700, 12.8656

Monochromacy



Original Color

11.3319, 11.1515, 12.6215

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

11.1053, 11.4283, 12.4470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3319, 11.1515, 12.6215 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(102, 91, 96)` looks like.

```
.text, #text, p{  
    color:rgb(102, 91, 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(102, 91, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 91, 96) }
```

Border

The CSS property to change the border of an element to XYZ 11.3319, 11.1515, 12.6215 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(102, 91, 96) }
```


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

```
.border{ border-color:rgb(102, 91, 96) }
```

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

Here you see how a box with a 4 pixel rgb(102, 91, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 91, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 91, 96);  
box-shadow:4px 4px 4px 4px rgb(102, 91,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3319, 11.1515, 12.6215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 91, 96) }
```

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

```
.background{ background-color: rgb(102, 91,  
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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