

Converting Colors

XYZ(10.7032, 11.5984, 13.3009)

Have a look what the booklet for
XYZ(10.7032, 11.5984, 13.3009)
contains.

XYZ(10.6957, 11.6049, 13.2315)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(10.6957, 11.6049,
13.2315)**

Conversions

Conversions Part 1

Format	Color
Hex	5A6162
RGB	90, 97, 98
RGB Percent	35%, 38%, 38%
CMY	0.6471, 0.6196, 0.6157
CMYK	0.08, 0.01, 0.00, 0.62
HSL	187°, 4%, 37%
HSV	187°, 8%, 38%
XYZ	10.6957, 11.6049, 13.2315
YIQ	95.0210, -4.4930, -1.1730

Conversions

Conversions Part 2

Format	Color
R_YB	90, 94, 98
Decimal	5923170
CIE Lab	40.58, -2.49, -1.51
CIE LCh	41, 2.912, 211.227
Yxy	11.6049, 0.3010, 0.3266
Android (android.graphics.Color)	4284113250 (0xFF5A6162)
YUV	95.0210, 1.4686, -4.4034
Hunter-Lab	34.0660, -3.5717, 0.8175

Details

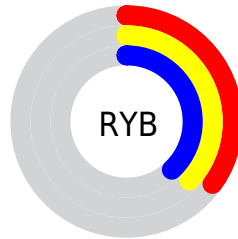
The XYZ color **10.6957, 11.6049, 13.2315** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.6235, 10.8168, 11.2008**, and the grayscale version is **10.8799, 11.4465, 12.4652**.

A 20% lighter version of the original color is **26.8299, 28.9252, 32.6028**, and **2.8424, 3.1511, 3.7072** is the 20% darker color. If you saturate the color by 10%, you get **9.6927, 10.9217, 13.1527**, and if you desaturate by 10%, it is **11.8269, 12.3574, 13.3173**.

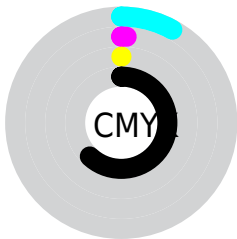
Distribution



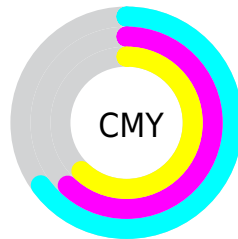
- Red (35%)
- Green (38%)
- Blue (38%)



- Red (35%)
- Yellow (37%)
- Blue (38%)



- Cyan (8%)
- Magenta (1%)
- Yellow (0%)
- Black (62%)



- Cyan (65%)
- Magenta (62%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.6957, 11.6049, 13.2315 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 10.6957, 11.6049, 13.2315 by changing the saturation by 10% instead.

■ 10.6957, 11.6049,
13.2315

■ 10.6957, 11.6049,
13.2315

189.5195,
201.7718, 223.6557

■ 5.9284, 6.4753,
7.4556

■ 26.7340, 28.7734,
32.4163

■ 2.8418, 3.1362,
3.6659

■ 38.7358, 41.5811,
46.6623

■ 1.0707, 1.2032,
1.4439

■ 53.8797, 57.7169,
64.5687

■ 0.0004, 0.0643,
0.1756

■ 72.5312, 77.5653,
86.5540

■ 0.0000, 0.0000,
0.0000

■ 95.0555, 101.5105,
113.0368

121.8181,

129.9371, 144.4357

153.1843,
163.2294, 181.1691

■ 10.6957, 11.6049,
13.2315

■ 10.6957, 11.6049,
13.2315

■ 9.6927, 10.9217,
13.1527

■ 11.8269, 12.3574,
13.3173

■ 8.8118, 10.3038,
13.0798

■ 13.0898, 13.1800,
13.4095

■ 8.0484, 9.7489,
13.0130

■ 14.4892, 14.0756,
13.5086

■ 7.3967, 9.2543,
12.9518

■ 16.0292, 15.0464,
13.6148

■ 6.8508, 8.8166,
12.8961

■ 17.7139, 16.0943,
13.7283

■ 6.4039, 8.4326,
12.8456

■ 19.5471, 17.2214,
13.8493

■ 6.0488, 8.0984,
12.7998

■ 21.5325, 18.4297,
13.9778

■ 5.7769, 7.8096,
12.7584

■ 23.6736, 19.7209,
14.1142

■ 5.5549, 7.5490,
12.7198

■ 25.9740, 21.0969,
14.2586

Harmonies

Analogous

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



10.6398, 11.6049, 12.6600



10.6957, 11.6049, 13.2315



10.8410, 11.6049, 13.6537

Triad

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



10.6957, 11.6049, 13.2315



11.3801, 11.6049, 13.1883



11.0216, 11.6049, 11.5379

Complementary

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



10.6957, 11.6049, 13.2315



10.6235, 10.8168, 11.2008

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.



11.2214, 11.6049, 11.6697



10.6957, 11.6049, 13.2315



11.4298, 11.6049, 12.6115

Square

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



10.6957, 11.6049, 13.2315



11.2362, 11.6049, 13.6282



11.3714, 11.6049, 12.0582



10.8265, 11.6049, 11.6927

Rectangle

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



10.6957, 11.6049, 13.2315



10.9700, 11.6049, 13.7873



11.3714, 11.6049, 12.0582



11.0905, 11.6049, 11.5502

Sweetspot

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



10.6960, 11.6054, 13.2318



19.9265, 21.1274, 23.2777



10.4697, 11.6633, 11.5819



4.7453, 5.0277, 5.5336



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.



10.6960, 11.6054, 13.2318



18.3501, 20.0719, 23.1570



10.3413, 10.8960, 13.1135



2.6153, 2.8452, 3.2566



7.3225, 9.9478, 16.9219



38.6804, 52.2669, 90.2545

Inverse Universe

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



10.8510, 10.7722, 12.8172



18.6894, 18.2591, 22.2474



10.9688, 11.5074, 11.3159



2.6566, 2.6236, 3.1460



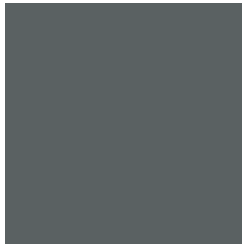
8.9218, 4.3436, 11.9738



47.4411, 23.1159, 62.8023

Previews

White Background



This preview shows how the XYZ color 10.6957, 11.6049, 13.2315 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 10.6957, 11.6049, 13.2315 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

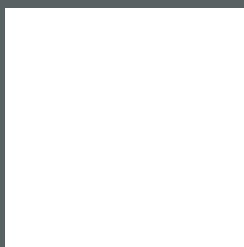
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.6957, 11.6049, 13.2315

Background



This preview shows how black text looks on a background with the XYZ color 10.6957, 11.6049, 13.2315.



This preview shows how white text looks on a background with the XYZ color 10.6957, 11.6049,

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

10.6957, 11.6049, 13.2315

Protanopia

11.1796, 11.5889, 12.9569

Deuteranopia

11.7600, 11.6131, 13.4261



Tritanopia

10.9959, 11.5894, 14.7541

Trichromacy



Original Color

10.6957, 11.6049, 13.2315

Protanomaly

10.9566, 11.6085, 12.9724

Deuteranomaly

11.2918, 11.5029, 13.4295

Tritanomaly

10.8955, 11.5492, 14.2253

Monochromacy



Original Color

10.6957, 11.6049, 13.2315

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

10.8084, 11.5374, 12.7236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.6957, 11.6049, 13.2315 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(90, 97, 98) looks like.

```
.text, #text, p{  
    color:rgb(90, 97, 98)  
}
```

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(90, 97, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 97, 98) }
```

Border

The CSS property to change the border of an element to XYZ 10.6957, 11.6049, 13.2315 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(90, 97, 98) }
```


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

```
.border{ border-color:rgb(90, 97, 98) }
```

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

Here you see how a box with a 4 pixel rgb(90, 97, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 97, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 97, 98);  
box-shadow:4px 4px 4px 4px rgb(90, 97, 98)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.6957, 11.6049, 13.2315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 97, 98) }
```

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

```
.background{ background-color: rgb(90, 97,  
98) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor