

Converting Colors

XYZ(10.7114, 11.6089, 12.7967)

Have a look what the booklet for
XYZ(10.7114, 11.6089, 12.7967)
contains.

XYZ(10.7004, 11.6181, 12.7449)	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(10.7004, 11.6181,
12.7449)**

Conversions

Conversions Part 1

Format	Color
Hex	5B6160
RGB	91, 97, 96
RGB Percent	36%, 38%, 38%
CMY	0.6431, 0.6196, 0.6235
CMYK	0.06, 0.00, 0.01, 0.62
HSL	170°, 3%, 37%
HSV	170°, 6%, 38%
XYZ	10.7004, 11.6181, 12.7449
YIQ	95.0920, -3.2550, -1.5830

Conversions

Conversions Part 2

Format	Color
RYB	91, 94, 97
Decimal	5988704
CIELab	40.60, -2.55, -0.24
CIELCh	41, 2.559, 185.452
Yxy	11.6181, 0.3052, 0.3313
Android (android.graphics.Color)	4284178784 (0xFF5B6160)
YUV	95.0920, 0.4476, -3.5887
Hunter-Lab	34.0853, -3.6129, 1.6905

Details

The XYZ color **10.7004, 11.6181, 12.7449** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.6030, 10.7965, 11.6508**, and the grayscale version is **10.8991, 11.4667, 12.4872**.

A 20% lighter version of the original color is **26.7627, 28.9179, 31.3653**, and **2.8417, 3.1558, 3.4770** is the 20% darker color. If you saturate the color by 10%, you get **9.7316, 11.1275, 12.3146**, and if you desaturate by 10%, it is **11.7950, 12.1740, 13.1896**.

Distribution



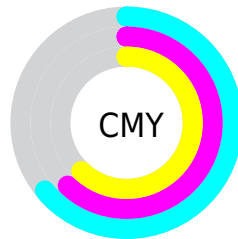
- Red (36%)
- Green (38%)
- Blue (38%)



- Red (36%)
- Yellow (37%)
- Blue (38%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (62%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.7004, 11.6181, 12.7449 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 10.7004, 11.6181, 12.7449 by changing the saturation by 10% instead.

■ 10.7004, 11.6181,
12.7449

■ 10.7004, 11.6181,
12.7449

189.5515,
201.8604, 220.4263

■ 5.9316, 6.4842,
7.1245

■ 26.7427, 28.7976,
31.5292

■ 2.8438, 3.1417,
3.4604

■ 38.7469, 41.6120,
45.5301

■ 1.0717, 1.2061,
1.3343

■ 53.8935, 57.7554,
63.1615

■ 0.0012, 0.0667,
0.0896

■ 72.5480, 77.6121,
84.8421

■ 0.0000, 0.0000,
0.0000

■ 95.0757, 101.5666,
110.9903

121.8419,

130.0032, 142.0248

153.2121,
163.3063, 178.3639

■ 10.7004, 11.6181,
12.7449

■ 10.7004, 11.6181,
12.7449

■ 9.7316, 11.1275,
12.3146

■ 11.7950, 12.1740,
13.1896

■ 8.8830, 10.6984,
11.8977

■ 13.0189, 12.7961,
13.6481

■ 8.1498, 10.3286,
11.4941

■ 14.3767, 13.4870,
14.1210

■ 7.5267, 10.0154,
11.1036

■ 15.8725, 14.2488,
14.6085

■ 7.0079, 9.7557,
10.7257

■ 17.5100, 15.0836,
15.1109

■ 6.5870, 9.5464,
10.3602

■ 19.2930, 15.9932,
15.6283

■ 6.2571, 9.3838,
10.0067

■ 21.2251, 16.9794,
16.1610

■ 6.0101, 9.2638,
9.6647

■ 23.3098, 18.0441,
16.7091

■ 5.8226, 9.1743,
9.3332

■ 25.5504, 19.1890,
17.2730

Harmonies

Analogous

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



10.7296, 11.6181, 12.2412



10.7004, 11.6181, 12.7449



10.7621, 11.6181, 13.2361

Triad

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



10.7004, 11.6181, 12.7449



11.2454, 11.6181, 13.4781



11.1876, 11.6181, 11.7665

Complementary

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



10.7004, 11.6181, 12.7449



10.6030, 10.7965, 11.6508

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.



11.3281, 11.6181, 12.0818



10.7004, 11.6181, 12.7449



11.3617, 11.6181, 13.0680

Square

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



10.7004, 11.6181, 12.7449



11.0757, 11.6181, 13.6667



11.3921, 11.6181, 12.5558



11.0097, 11.6181, 11.6853

Rectangle

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



10.7004, 11.6181, 12.7449



10.8468, 11.6181, 13.4875



11.3921, 11.6181, 12.5558



11.2409, 11.6181, 11.8482

Sweetspot

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



10.7007, 11.6186, 12.7452



19.0892, 20.2939, 22.1570



10.5870, 11.5857, 11.5759



4.7481, 5.0431, 5.5049



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.



10.7007, 11.6186, 12.7452



18.1627, 19.8239, 21.7693



10.5736, 11.2901, 12.9318



2.6684, 2.9110, 3.1963



7.8131, 12.4312, 12.4537



41.4612, 66.2994, 65.0667

Inverse Universe

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



10.6030, 10.7965, 11.6508



17.9691, 18.1940, 19.5996



10.7241, 11.1082, 11.4765



2.6404, 2.6750, 2.8821



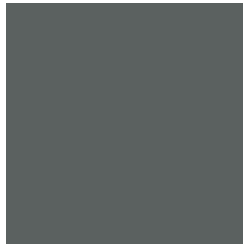
6.8228, 3.5040, 0.9207



36.2166, 18.6261, 3.6946

Previews

White Background



This preview shows how the XYZ color 10.7004, 11.6181, 12.7449 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 10.7004, 11.6181, 12.7449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

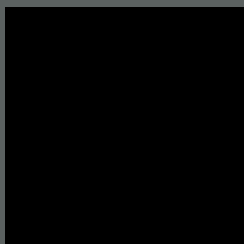
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

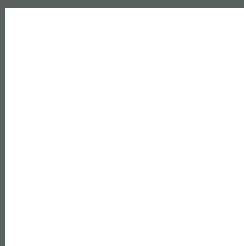
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.7004, 11.6181, 12.7449

Background



This preview shows how black text looks on a background with the XYZ color 10.7004, 11.6181, 12.7449.

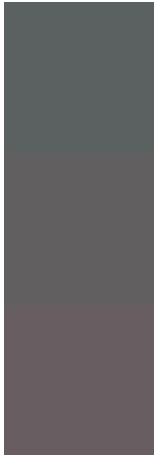


This preview shows how white text looks on a background with the XYZ color 10.7004, 11.6181,

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

10.7004, 11.6181, 12.7449

Protanopia

11.0875, 11.5520, 12.4719

Deuteranopia

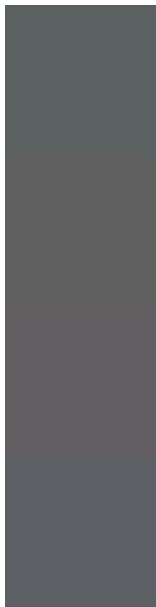
11.7809, 11.6348, 12.9341



Tritanopia

11.0447, 11.6203, 14.4928

Trichromacy



Original Color

10.7004, 11.6181, 12.7449

Protanomaly

10.9677, 11.6249, 12.4922

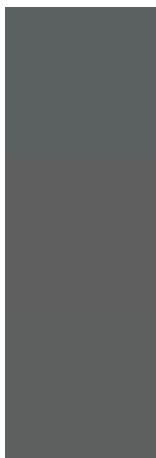
Deuteranomaly

11.3060, 11.5211, 12.9372

Tritanomaly

10.8968, 11.5612, 13.7138

Monochromacy



Original Color

10.7004, 11.6181, 12.7449

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

10.8645, 11.5716, 12.4874

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.7004, 11.6181, 12.7449 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(91, 97, 96) looks like.

```
.text, #text, p{  
    color:rgb(91, 97, 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(91, 97, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 97, 96) }
```

Border

The CSS property to change the border of an element to XYZ 10.7004, 11.6181, 12.7449 is called "border". The border property can be set on classes, ids or directly on the HTML element.

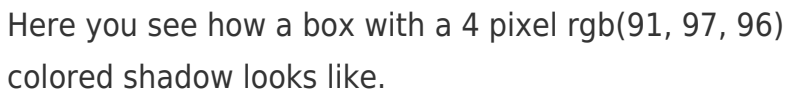
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(91, 97, 96) }
```


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

```
.border{ border-color:rgb(91, 97, 96) }
```

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



Here you see how a box with a 4 pixel rgb(91, 97, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 97, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 97, 96);  
box-shadow:4px 4px 4px 4px rgb(91, 97, 96)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.7004, 11.6181, 12.7449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 97, 96) }
```

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

```
.background{ background-color: rgb(91, 97,  
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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