

Converting Colors

XYZ(10.7136, 11.7430, 13.6195)

Have a look what the booklet for
XYZ(10.7136, 11.7430, 13.6195)
contains.

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Color

**XYZ(10.7396, 11.7601,
13.5083)**

Conversions

Conversions Part 1

Format	Color
Hex	596263
RGB	89, 98, 99
RGB Percent	35%, 38%, 39%
CMY	0.6510, 0.6157, 0.6118
CMYK	0.10, 0.01, 0.00, 0.61
HSL	186°, 5%, 37%
HSV	186°, 10%, 39%
XYZ	10.7396, 11.7601, 13.5083
YIQ	95.4230, -5.6850, -1.5970

Conversions

Conversions Part 2

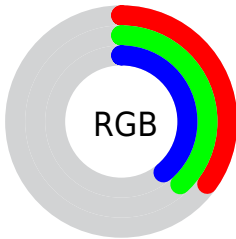
Format	Color
R_{YB}	89, 94, 99
Decimal	5857891
CIE Lab	40.83, -3.24, -1.76
CIE LCh	41, 3.691, 208.529
Yxy	11.7601, 0.2983, 0.3266
Android (android.graphics.Color)	4284047971 (0xFF596263)
YUV	95.4230, 1.7635, -5.6330
Hunter-Lab	34.2930, -4.1116, 0.6503

Details

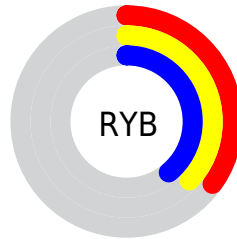
The XYZ color **10.7396, 11.7601, 13.5083** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.6049, 10.6860, 10.9549**, and the grayscale version is **10.9759, 11.5475, 12.5753**.

A 20% lighter version of the original color is **26.8999, 29.1859, 33.0698**, and **2.8669, 3.2266, 3.8399** is the 20% darker color. If you saturate the color by 10%, you get **9.7610, 11.1195, 13.4364**, and if you desaturate by 10%, it is **11.8478, 12.4698, 13.5871**.

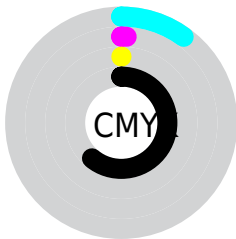
Distribution



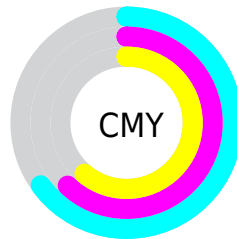
- Red (35%)
- Green (38%)
- Blue (39%)



- Red (35%)
- Yellow (37%)
- Blue (39%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (61%)



- Cyan (65%)
- Magenta (62%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.7396, 11.7601, 13.5083 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 10.7396, 11.7601, 13.5083 by changing the saturation by 10% instead.

■ 10.7396, 11.7601,
13.5083

■ 10.7396, 11.7601,
13.5083

189.8176,
202.8106, 225.4712

■ 5.9580, 6.5805,
7.6447

■ 26.8149, 29.0574,
32.9185

■ 2.8600, 3.2012,
3.7839

■ 38.8393, 41.9440,
47.3021

■ 1.0802, 1.2377,
1.5076

■ 54.0086, 58.1683,
65.3628

■ 0.0084, 0.0921,
0.2236

■ 72.6883, 78.1148,
87.5191

■ 0.0000, 0.0000,
0.0000

■ 95.2437, 102.1679,
114.1895

122.0402,

130.7120, 145.7926

153.4430,
164.1314, 182.7470

■ 10.7396, 11.7601,
13.5083

■ 10.7396, 11.7601,
13.5083

■ 9.7610, 11.1195,
13.4364

■ 11.8478, 12.4698,
13.5871

■ 8.9059, 10.5440,
13.3704

■ 13.0894, 13.2497,
13.6722

■ 8.1693, 10.0312,
13.3102

■ 14.4693, 14.1026,
13.7640

■ 7.5453, 9.5782,
13.2557

■ 15.9918, 15.0307,
13.8629

■ 7.0277, 9.1817,
13.2064

■ 17.6610, 16.0361,
13.9690

■ 6.6096, 8.8381,
13.1622

■ 19.4809, 17.1210,
14.0825

■ 6.2830, 8.5434,
13.1225

■ 21.4553, 18.2872,
14.2036

■ 6.0393, 8.2930,
13.0870

■ 23.5879, 19.5367,
14.3323

■ 5.8346, 8.0656,
13.0539

■ 25.8822, 20.8714,
14.4690

Harmonies

Analogous

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



10.6801, 11.7601, 12.7676



10.7396, 11.7601, 13.5083



10.9159, 11.7601, 14.0789

Triad

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



10.7396, 11.7601, 13.5083



11.6141, 11.7601, 13.5751



11.1906, 11.7601, 11.4121

Complementary

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



10.7396, 11.7601, 13.5083



10.6049, 10.6860, 10.9549

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.



11.4435, 11.7601, 11.6099



10.7396, 11.7601, 13.5083



11.6903, 11.7601, 12.8419

Square

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



10.7396, 11.7601, 13.5083



11.4207, 11.7601, 14.1185



11.6274, 11.7601, 12.1261



10.9381, 11.7601, 11.5751

Rectangle

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



10.7396, 11.7601, 13.5083



11.0774, 11.7601, 14.2757



11.6274, 11.7601, 12.1261



11.2784, 11.7601, 11.4384

Sweetspot

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



10.7399, 11.7606, 13.5086



19.7334, 21.0156, 23.2663



10.4201, 11.7830, 11.3609



4.6602, 4.9759, 5.5281



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.



10.7399, 11.7606, 13.5086



18.0284, 19.9181, 23.1443



10.3010, 10.8828, 13.3623



2.6202, 2.8551, 3.2582



7.5897, 10.4820, 17.0109



40.1824, 55.2709, 90.7551

Inverse Universe

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



10.9228, 10.6794, 13.0416



18.4075, 17.6887, 22.1736



11.0261, 11.5285, 11.0953



2.6591, 2.6246, 3.1591



9.0566, 4.3975, 12.6839



48.1992, 23.4191, 66.7946

Previews

White Background



This preview shows how the XYZ color 10.7396, 11.7601, 13.5083 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 10.7396, 11.7601, 13.5083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

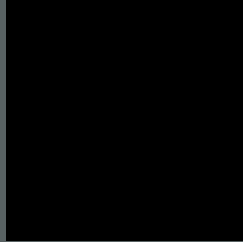
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.7396, 11.7601, 13.5083

Background



This preview shows how black text looks on a background with the XYZ color 10.7396, 11.7601, 13.5083.

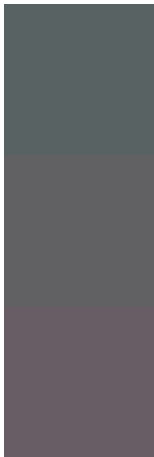


This preview shows how white text looks on a background with the XYZ color 10.7396, 11.7601,

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

10.7396, 11.7601, 13.5083

Protanopia

11.3172, 11.7890, 13.2343

Deuteranopia

11.9235, 11.6919, 13.6849



Tritanopia

11.0409, 11.7430, 15.0493

Trichromacy



Original Color

10.7396, 11.7601, 13.5083

Protanomaly

11.0954, 11.8109, 13.2502

Deuteranomaly

11.5380, 11.7572, 13.7178

Tritanomaly

10.9393, 11.7023, 14.5142

Monochromacy



Original Color

10.7396, 11.7601, 13.5083

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 10.7396, 11.7601, 13.5083 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(89, 98, 99) looks like.

```
.text, #text, p{  
    color:rgb(89, 98, 99)  
}
```

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(89, 98, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 98, 99) }
```

Border

The CSS property to change the border of an element to XYZ 10.7396, 11.7601, 13.5083 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(89, 98, 99) }
```


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

```
.border{ border-color:rgb(89, 98, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 98, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 98, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 98, 99);  
box-shadow:4px 4px 4px 4px rgb(89, 98, 99)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.7396, 11.7601, 13.5083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 98, 99) }
```

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

```
.background{ background-color: rgb(89, 98,  
99) }
```

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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