

Converting Colors

XYZ(10.9872, 11.8937, 13.7842)

Have a look what the booklet for
XYZ(10.9872, 11.8937, 13.7842)
contains.

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Color

**XYZ(10.9823, 11.8796,
13.7708)**

Conversions

Conversions Part 1

Format	Color
Hex	5B6264
RGB	91, 98, 100
RGB Percent	36%, 38%, 39%
CMY	0.6431, 0.6157, 0.6078
CMYK	0.09, 0.02, 0.00, 0.61
HSL	193°, 5%, 37%
HSV	193°, 9%, 39%
XYZ	10.9823, 11.8796, 13.7708
YIQ	96.1350, -4.8140, -0.8620

Conversions

Conversions Part 2

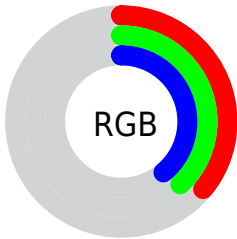
Format	Color
R_{YB}	91, 95, 100
Decimal	5988964
CIE _{Lab}	41.02, -2.26, -2.07
CIE _{LCh}	41, 3.069, 222.513
Yxy	11.8796, 0.2998, 0.3243
Android (android.graphics.Color)	4284179044 (0xFF5B6264)
YUV	96.1350, 1.9054, -4.5034
Hunter-Lab	34.4668, -3.4407, 0.4381

Details

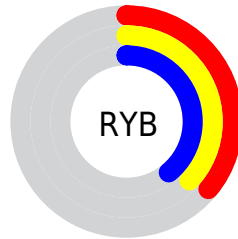
The XYZ color **10.9823, 11.8796, 13.7708** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.0583, 11.2933, 11.4947**, and the grayscale version is **11.1476, 11.7281, 12.7719**.

A 20% lighter version of the original color is **27.3179, 29.3920, 33.5116**, and **2.9528, 3.2709, 3.8439** is the 20% darker color. If you saturate the color by 10%, you get **9.8567, 10.9954, 13.6597**, and if you desaturate by 10%, it is **12.2458, 12.8440, 13.8905**.

Distribution



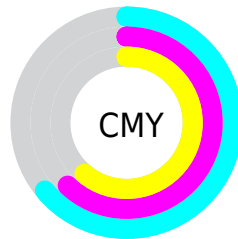
- Red (36%)
- Green (38%)
- Blue (39%)



- Red (36%)
- Yellow (37%)
- Blue (39%)



- Cyan (9%)
- Magenta (2%)
- Yellow (0%)
- Black (61%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.9823, 11.8796, 13.7708 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 10.9823, 11.8796, 13.7708 by changing the saturation by 10% instead.

■ 10.9823, 11.8796,
13.7708

■ 10.9823, 11.8796,
13.7708

191.4569,
203.6066, 227.1789

■ 6.1221, 6.6617,
7.8245

■ 27.2607, 29.2756,
33.3930

■ 2.9609, 3.2515,
3.8967

■ 39.4096, 42.2226,
47.9061

■ 1.1331, 1.2644,
1.5688

■ 54.7188, 58.5147,
66.1117

■ 0.0525, 0.1134,
0.2684

■ 73.5537, 78.5364,
88.4286

■ 0.0000, 0.0000,
0.0000

■ 96.2796, 102.6720,
115.2752

123.2618,

131.3060, 147.0701

154.8658,
164.8227, 184.2318

■ 10.9823, 11.8796,
13.7708

■ 10.9823, 11.8796,
13.7708

■ 9.8567, 10.9954,
13.6597

■ 12.2458, 12.8440,
13.8905

■ 8.8627, 10.1873,
13.5561

■ 13.6510, 13.8898,
14.0183

■ 7.9951, 9.4528,
13.4600

■ 15.2030, 15.0200,
14.1547

■ 7.2479, 8.7887,
13.3712

■ 16.9062, 16.2368,
14.2998

■ 6.6148, 8.1917,
13.2893

■ 18.7649, 17.5427,
14.4539

■ 6.0886, 7.6580,
13.2141

■ 20.7831, 18.9396,
14.6172

■ 5.6615, 7.1835,
13.1450

■ 22.9648, 20.4299,
14.7898

■ 5.3244, 6.7635,
13.0817

■ 25.3137, 22.0153,
14.9720

■ 5.0384, 6.3778,
13.0223

■ 27.8337, 23.6980,
15.1640

Harmonies

Analogous

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



10.8833, 11.8796, 13.1991



10.9823, 11.8796, 13.7708



11.1646, 11.8796, 14.1249

Triad

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



10.9823, 11.8796, 13.7708



11.6994, 11.8796, 13.3023



11.1998, 11.8796, 11.7880

Complementary

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



10.9823, 11.8796, 13.7708



11.0583, 11.2933, 11.4947

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.



11.4188, 11.8796, 11.8136



10.9823, 11.8796, 13.7708



11.7092, 11.8796, 12.6742

Square

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



10.9823, 11.8796, 13.7708



11.5794, 11.8796, 13.8484



11.6058, 11.8796, 12.1335



11.0078, 11.8796, 12.0624

Rectangle

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



10.9823, 11.8796, 13.7708



11.3098, 11.8796, 14.1831



11.6058, 11.8796, 12.1335



11.2727, 11.8796, 11.7621

Sweetspot

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



10.9826, 11.8801, 13.7711



20.5332, 21.8089, 24.2640



10.8453, 12.1281, 12.1138



5.0151, 5.3379, 5.9667



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.



10.9826, 11.8801, 13.7711



18.7742, 20.4546, 24.0953



10.5776, 11.0700, 13.6361



2.8547, 3.0874, 3.5774



6.6750, 8.4217, 17.4181



34.1456, 42.5879, 90.6220

Inverse Universe

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



11.2015, 11.0735, 13.1029



19.2521, 18.7107, 22.6323



11.4605, 12.0977, 11.6287



2.9112, 2.8791, 3.4049



8.8519, 4.3537, 9.8844



45.8303, 22.5721, 49.7770

Previews

White Background



This preview shows how the XYZ color 10.9823, 11.8796, 13.7708 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 10.9823, 11.8796, 13.7708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

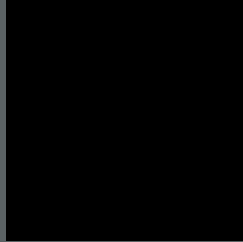
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

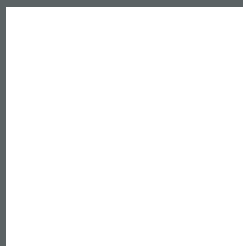
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.9823, 11.8796, 13.7708

Background



This preview shows how black text looks on a background with the XYZ color 10.9823, 11.8796, 13.7708.



This preview shows how white text looks on a background with the XYZ color 10.9823, 11.8796,

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

10.9823, 11.8796, 13.7708

Protanopia

11.4720, 11.8633, 13.4896

Deuteranopia

12.0606, 11.8880, 13.9709



Tritanopia

11.2381, 11.8446, 15.0585

Trichromacy



Original Color

10.9823, 11.8796, 13.7708

Protanomaly

11.2461, 11.8831, 13.5053

Deuteranomaly

11.5868, 11.7767, 13.9744

Tritanomaly

11.1365, 11.8040, 14.5234

Monochromacy



Original Color

10.9823, 11.8796, 13.7708

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.0485, 11.7921, 13.0031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.9823, 11.8796, 13.7708 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, 98, 100) looks like.

```
.text, #text, p{  
    color:rgb(91, 98, 100)  
}
```

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, 98, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 98, 100) }
```

Border

The CSS property to change the border of an element to XYZ 10.9823, 11.8796, 13.7708 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, 98, 100) }
```


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

```
.border{ border-color:rgb(91, 98, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 98, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 98, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 98, 100);  
box-shadow:4px 4px 4px 4px rgb(91, 98,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 10.9823, 11.8796, 13.7708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 98, 100) }
```

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

```
.background{ background-color: rgb(91, 98,  
100) }
```

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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