

Converting Colors

XYZ(10.8926, 11.8613, 12.9820)

Have a look what the booklet for
XYZ(10.8926, 11.8613, 12.9820)
contains.

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Color

**XYZ(10.9390, 11.8737,
13.0246)**

Conversions

Conversions Part 1

Format	Color
Hex	5C6261
RGB	92, 98, 97
RGB Percent	36%, 38%, 38%
CMY	0.6392, 0.6157, 0.6196
CMYK	0.06, 0.00, 0.01, 0.62
HSL	170°, 3%, 37%
HSV	170°, 6%, 38%
XYZ	10.9390, 11.8737, 13.0246
YIQ	96.0920, -3.2550, -1.5830

Conversions

Conversions Part 2

Format	Color
RYB	92, 95, 98
Decimal	6054497
CIELab	41.01, -2.54, -0.24
CIELCh	41, 2.554, 185.463
Yxy	11.8737, 0.3052, 0.3313
Android (android.graphics.Color)	4284244577 (0xFF5C6261)
YUV	96.0920, 0.4476, -3.5887
Hunter-Lab	34.4582, -3.6359, 1.7102

Details

The XYZ color **10.9390, 11.8737, 13.0246** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.8404, 11.0416, 11.9164**, and the grayscale version is **11.1403, 11.7205, 12.7636**.

A 20% lighter version of the original color is **27.2481, 29.3838, 32.2525**, and **2.9522, 3.2758, 3.6087** is the 20% darker color. If you saturate the color by 10%, you get **9.9473, 11.3715, 12.5845**, and if you desaturate by 10%, it is **12.0596, 12.4428, 13.4794**.

Distribution



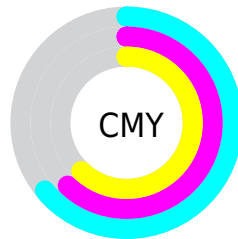
- Red (36%)
- Green (38%)
- Blue (38%)



- 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 10.9390, 11.8737, 13.0246 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 10.9390, 11.8737, 13.0246 by changing the saturation by 10% instead.

■ 10.9390, 11.8737,
13.0246

■ 10.9390, 11.8737,
13.0246

191.1655,
203.5674, 222.2886

■ 6.0928, 6.6577,
7.3146

■ 27.1813, 29.2649,
32.0398

■ 2.9428, 3.2490,
3.5782

■ 39.3081, 42.2089,
46.1821

■ 1.1236, 1.2631,
1.3969

■ 54.5924, 58.4976,
63.9721

■ 0.0447, 0.1123,
0.1393

■ 73.3998, 78.5156,
85.8285

■ 0.0000, 0.0000,
0.0000

96.0954, 102.6472,
112.1699

123.0446,

131.2767, 143.4146

154.6129,
164.7887, 179.9814

■ 10.9390, 11.8737,
13.0246

■ 10.9390, 11.8737,
13.0246

■ 9.9473, 11.3715,
12.5845

■ 12.0596, 12.4428,
13.4794

■ 9.0787, 10.9322,
12.1581

■ 13.3128, 13.0798,
13.9485

■ 8.3283, 10.5538,
11.7453

■ 14.7031, 13.7872,
14.4322

■ 7.6907, 10.2333,
11.3459

■ 16.2347, 14.5674,
14.9309

■ 7.1600, 9.9677,
10.9594

■ 17.9116, 15.4222,
15.4448

■ 6.7296, 9.7536,
10.5857

■ 19.7376, 16.3537,
15.9742

■ 6.3923, 9.5874,
10.2242

■ 21.7164, 17.3638,
16.5191

■ 6.1400, 9.4648,
9.8745

■ 23.8516, 18.4543,
17.0800

■ 5.9493, 9.3738,
9.5355

■ 26.1464, 19.6270,
17.6568

Harmonies

Analogous

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



10.9686, 11.8737, 12.5145



10.9390, 11.8737, 13.0246



11.0015, 11.8737, 13.5218

Triad

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



10.9390, 11.8737, 13.0246



11.4909, 11.8737, 13.7666



11.4323, 11.8737, 12.0334

Complementary

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



10.9390, 11.8737, 13.0246



10.8404, 11.0416, 11.9164

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.



11.5746, 11.8737, 12.3527



10.9390, 11.8737, 13.0246



11.6087, 11.8737, 13.3514

Square

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



10.9390, 11.8737, 13.0246



11.3191, 11.8737, 13.9576



11.6394, 11.8737, 12.8328



11.2521, 11.8737, 11.9512

Rectangle

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



10.9390, 11.8737, 13.0246



11.0873, 11.8737, 13.7763



11.6394, 11.8737, 12.8328



11.4862, 11.8737, 12.1161

Sweetspot

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



10.9393, 11.8742, 13.0249



19.9399, 21.1987, 23.1450



10.8242, 11.8409, 11.8405



4.7482, 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.



10.9393, 11.8742, 13.0249



18.9703, 20.7068, 22.7393



10.8106, 11.5416, 13.2137



2.6684, 2.9110, 3.1963



7.8134, 12.4314, 12.4556



41.4632, 66.3002, 65.0774

Inverse Universe

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



10.8404, 11.0416, 11.9164



18.7675, 19.0008, 20.4681



10.9630, 11.3574, 11.7399



2.6404, 2.6750, 2.8821



6.8227, 3.5039, 0.9203



36.2163, 18.6259, 3.6930

Previews

White Background



This preview shows how the XYZ color 10.9390, 11.8737, 13.0246 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 10.9390, 11.8737, 13.0246 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

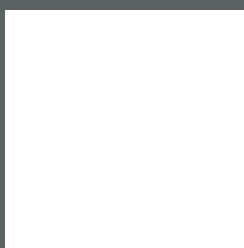
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.9390, 11.8737, 13.0246

Background



This preview shows how black text looks on a background with the XYZ color 10.9390, 11.8737, 13.0246.



This preview shows how white text looks on a background with the XYZ color 10.9390, 11.8737,

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

10.9390, 11.8737, 13.0246

Protanopia

11.3312, 11.8069, 12.7481

Deuteranopia

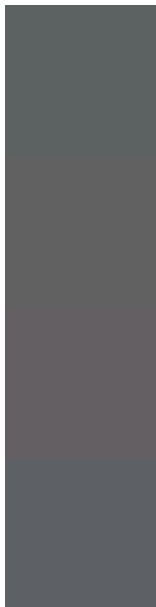
12.0330, 11.8905, 13.2162



Tritanopia

11.3387, 11.8965, 15.0632

Trichromacy



Original Color

10.9390, 11.8737, 13.0246

Protanomaly

11.2099, 11.8807, 12.7687

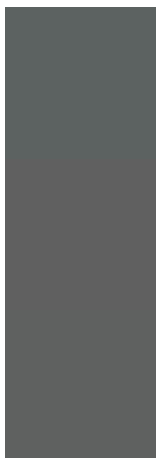
Deuteranomaly

11.5523, 11.7756, 13.2193

Tritanomaly

11.1872, 11.8359, 14.2653

Monochromacy



Original Color

10.9390, 11.8737, 13.0246

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.1053, 11.8268, 12.7638

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.9390, 11.8737, 13.0246 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(92, 98, 97) looks like.

```
.text, #text, p{  
    color:rgb(92, 98, 97)  
}
```

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(92, 98, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 98, 97) }
```

Border

The CSS property to change the border of an element to XYZ 10.9390, 11.8737, 13.0246 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(92, 98, 97) }
```


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

```
.border{ border-color:rgb(92, 98, 97) }
```

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

Here you see how a box with a 4 pixel rgb(92, 98, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 98, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 98, 97);  
box-shadow:4px 4px 4px 4px rgb(92, 98, 97)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.9390, 11.8737, 13.0246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 98, 97) }
```

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

```
.background{ background-color: rgb(92, 98,  
97) }
```

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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