

Converting Colors

XYZ(11.8575, 11.9805, 12.0549)

Have a look what the booklet for
XYZ(11.8575, 11.9805, 12.0549)
contains.

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Color

**XYZ(11.8937, 11.9780,
12.0410)**

Conversions

Conversions Part 1

Format	Color
Hex	695F5D
RGB	105, 95, 93
RGB Percent	41%, 37%, 36%
CMY	0.5882, 0.6274, 0.6353
CMYK	0.00, 0.10, 0.11, 0.59
HSL	10°, 6%, 39%
HSV	10°, 11%, 41%
XYZ	11.8937, 11.9780, 12.0410
YIQ	97.7620, 6.6020, 1.4980

Conversions

Conversions Part 2

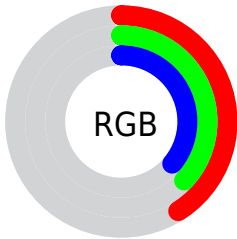
Format	Color
R_{YB}	105, 95, 93
Decimal	6905693
CIE _{Lab}	41.18, 3.62, 2.59
CIE _{LCh}	41, 4.451, 35.583
Yxy	11.9780, 0.3312, 0.3335
Android (android.graphics.Color)	4285095773 (0xFF695F5D)
YUV	97.7620, -2.3477, 6.3477
Hunter-Lab	34.6092, 0.7765, 3.5987

Details

The XYZ color **11.8937, 11.9780, 12.0410** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.9142, 13.0473, 15.2552**, and the grayscale version is **11.5551, 12.1569, 13.2388**.

A 20% lighter version of the original color is **28.7936, 29.3019, 30.1248**, and **3.3563, 3.3014, 3.1497** is the 20% darker color. If you saturate the color by 10%, you get **10.7160, 10.3164, 9.5093**, and if you desaturate by 10%, it is **13.2244, 13.8432, 14.9391**.

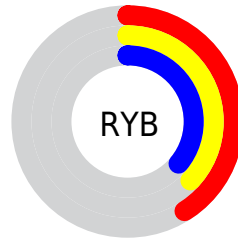
Distribution



Red (41%)

Green (37%)

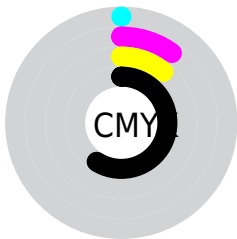
Blue (36%)



Red (41%)

Yellow (37%)

Blue (36%)

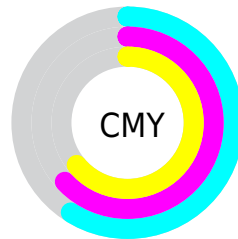


Cyan (0%)

Magenta (10%)

Yellow (11%)

Black (59%)



Cyan (59%)

Magenta (63%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.8937, 11.9780, 12.0410 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 11.8937, 11.9780, 12.0410 by changing the saturation by 10% instead.

■ 11.8937, 11.9780,
12.0410

■ 11.8937, 11.9780,
12.0410

197.4846,
204.2596, 215.6641

■ 6.7430, 6.7287,
6.6487

■ 28.9199, 29.4550,
30.2353

■ 3.3468, 3.2930,
3.1683

■ 41.5261, 42.4516,
43.8743

■ 1.3397, 1.2866,
1.1812

■ 57.3482, 58.7993,
61.0994

■ 0.2126, 0.1308,
0.0000

■ 76.7516, 78.8826,
82.3291

■ 0.0000, 0.0000,
0.0000

100.1015,
103.0859, 107.9818

127.7635,

131.7935, 138.4762

160.1027,
165.3900, 174.2308

■ 11.8937, 11.9780,
12.0410

■ 11.8937, 11.9780,
12.0410

■ 10.7160, 10.3164,
9.5093

■ 13.2244, 13.8432,
14.9391

■ 9.6849, 8.8501,
7.3287

■ 14.7125, 15.9170,
18.2166

■ 8.7949, 7.5722,
5.4839

■ 16.3631, 18.2061,
21.8869

■ 8.0397, 6.4751,
3.9581

■ 18.1810, 20.7166,
25.9624

■ 7.4126, 5.5505,
2.7331

■ 20.1708, 23.4541,
30.4550

■ 6.9064, 4.7897,
1.7888

■ 22.3369, 26.4243,
35.3760

■ 6.5130, 4.1827,
1.1028

■ 24.6835, 29.6323,
40.7365

■ 6.2231, 3.7190,
0.6483

■ 27.2146, 33.0835,
46.5469

■ 6.0344, 3.4205,
0.3422

■ 29.9342, 36.7828,
52.8175

Harmonies

Analogous

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



12.0096, 11.9780, 12.8709



11.8937, 11.9780, 12.0410



11.6416, 11.9780, 11.4989

Triad

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



11.8937, 11.9780, 12.0410



10.8323, 11.9780, 12.3254



11.4448, 11.9780, 14.8801

Complementary

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



11.8937, 11.9780, 12.0410



11.9142, 13.0473, 15.2552

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.



11.1317, 11.9780, 14.7173



11.8937, 11.9780, 12.0410



10.7819, 11.9780, 13.2146

Square

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



11.8937, 11.9780, 12.0410



11.0296, 11.9780, 11.6576



10.8905, 11.9780, 14.0970



11.7474, 11.9780, 14.5318

Rectangle

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



11.8937, 11.9780, 12.0410



11.4323, 11.9780, 11.3591



10.8905, 11.9780, 14.0970



11.3373, 11.9780, 14.8835

Sweetspot

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



11.8940, 11.9785, 12.0413



23.2656, 24.2086, 25.8435



12.1884, 11.8114, 14.4695



5.4106, 5.6159, 5.9679



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



11.8940, 11.9785, 12.0413



20.6420, 20.5262, 20.1453



12.4553, 13.1011, 12.2283



3.1368, 3.1909, 3.2680



7.6192, 4.2880, 0.4261



38.3740, 20.9517, 2.0215

Inverse Universe

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



11.9142, 13.0473, 15.2552



20.6865, 22.8916, 27.2593



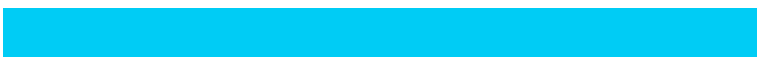
11.3388, 11.8966, 15.0634



3.1410, 3.4103, 3.9276



7.5709, 9.9761, 18.4488



38.0332, 49.7449, 93.8234

Previews

White Background



This preview shows how the XYZ color 11.8937, 11.9780, 12.0410 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 11.8937, 11.9780, 12.0410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

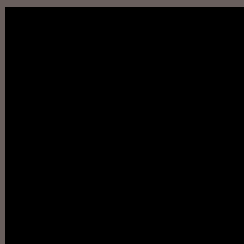
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.8937, 11.9780, 12.0410

Background



This preview shows how black text looks on a background with the XYZ color 11.8937, 11.9780, 12.0410.



This preview shows how white text looks on a background with the XYZ color 11.8937, 11.9780,

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

11.8937, 11.9780, 12.0410

Protanopia

11.5506, 12.0669, 12.3100

Deuteranopia

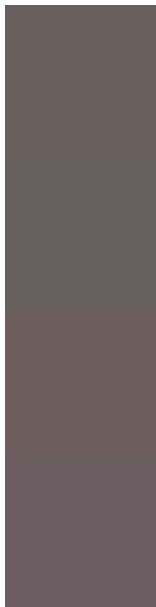
12.1628, 11.9839, 12.0280



Tritanopia

12.2955, 12.0092, 13.9819

Trichromacy



Original Color

11.8937, 11.9780, 12.0410

Protanomaly

11.6827, 11.9987, 12.2899

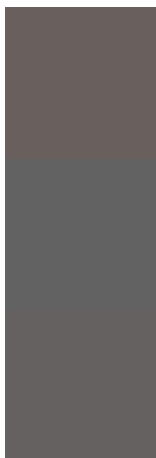
Deuteranomaly

12.0419, 11.9215, 12.0223

Tritanomaly

12.1512, 11.9514, 13.2217

Monochromacy



Original Color

11.8937, 11.9780, 12.0410

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.7528, 12.1606, 12.7941

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.8937, 11.9780, 12.0410 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(105, 95, 93) looks like.

```
.text, #text, p{  
    color:rgb(105, 95, 93)  
}
```

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(105, 95, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 95, 93) }
```

Border

The CSS property to change the border of an element to XYZ 11.8937, 11.9780, 12.0410 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(105, 95, 93) }
```


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

```
.border{ border-color:rgb(105, 95, 93) }
```

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

Here you see how a box with a 4 pixel rgb(105, 95, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 95, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 95, 93);  
box-shadow:4px 4px 4px 4px rgb(105, 95,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 11.8937, 11.9780, 12.0410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 95, 93) }
```

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

```
.background{ background-color: rgb(105, 95,  
93) }
```

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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