

Converting Colors

XYZ(10.9393, 11.7431, 12.0516)

Have a look what the booklet for
XYZ(10.9393, 11.7431, 12.0516)
contains.

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Color

**XYZ(10.9698, 11.7726,
12.0501)**

Conversions

Conversions Part 1

Format	Color
Hex	5F615D
RGB	95, 97, 93
RGB Percent	37%, 38%, 36%
CMY	0.6274, 0.6196, 0.6353
CMYK	0.02, 0.00, 0.04, 0.62
HSL	90°, 2%, 37%
HSV	90°, 4%, 38%
XYZ	10.9698, 11.7726, 12.0501
YIQ	95.9460, 0.0920, -1.6680

Conversions

Conversions Part 2

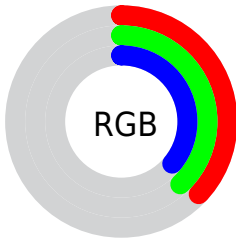
Format	Color
RYB	93, 97, 95
Decimal	6250845
CIELab	40.85, -1.61, 2.00
CIELCh	41, 2.569, 128.929
Yxy	11.7726, 0.3153, 0.3384
Android (android.graphics.Color)	4284440925 (0xFF5F615D)
YUV	95.9460, -1.4524, -0.8296
Hunter-Lab	34.3112, -2.9756, 3.1952

Details

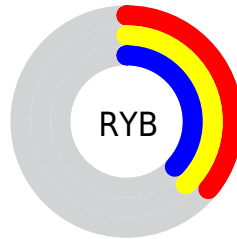
The XYZ color **10.9698, 11.7726, 12.0501** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.7918, 11.1250, 12.8884**, and the grayscale version is **11.1088, 11.6873, 12.7275**.

A 20% lighter version of the original color is **27.2249, 29.1827, 30.1845**, and **2.9635, 3.2259, 3.1558** is the 20% darker color. If you saturate the color by 10%, you get **10.0788, 11.3601, 9.9061**, and if you desaturate by 10%, it is **11.9474, 12.2241, 14.4832**.

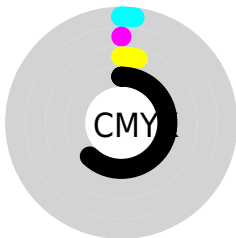
Distribution



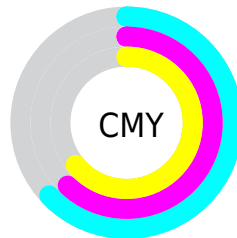
- Red (37%)
- Green (38%)
- Blue (36%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (4%)
- Black (62%)



- Cyan (63%)
- Magenta (62%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.9698, 11.7726, 12.0501 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 10.9698, 11.7726, 12.0501 by changing the saturation by 10% instead.

■ 10.9698, 11.7726,
12.0501

■ 10.9698, 11.7726,
12.0501

191.3728,
202.8940, 215.7264

■ 6.1137, 6.5890,
6.6549

■ 27.2378, 29.0803,
30.2521

■ 2.9556, 3.2064,
3.1720

■ 39.3803, 41.9731,
43.8959

■ 1.1303, 1.2404,
1.1831

■ 54.6824, 58.2046,
61.1263

■ 0.0503, 0.0944,
0.0000

■ 73.5093, 78.1590,
82.3619

■ 0.0000, 0.0000,
0.0000

96.2264, 102.2207,
108.0211

123.1992,

130.7742, 138.5226

154.7928,
164.2038, 174.2848

■ 10.9698, 11.7726,
12.0501

■ 10.9698, 11.7726,
12.0501

■ 10.0788, 11.3601,
9.9061

■ 11.9474, 12.2241,
14.4832

■ 9.2708, 10.9841,
8.0397

■ 13.0131, 12.7141,
17.2148

■ 8.5433, 10.6437,
6.4397

■ 14.1696, 13.2442,
20.2549

■ 7.8936, 10.3379,
5.0941

■ 15.4191, 13.8153,
23.6127

■ 7.3184, 10.0652,
3.9895

■ 16.7639, 14.4285,
27.2970

■ 6.8144, 9.8243,
3.1117

■ 18.2061, 15.0844,
31.3164

■ 6.3780, 9.6136,
2.4448

■ 19.7477, 15.7842,
35.6790

■ 6.0051, 9.4315,
1.9709

■ 21.3906, 16.5285,
40.3928

■ 5.6880, 9.2747,
1.6541

■ 23.1368, 17.3183,
45.4654

Harmonies

Analogous

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



11.1350, 11.7726, 11.8481



10.9698, 11.7726, 12.0501



10.8643, 11.7726, 12.4594

Triad

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



10.9698, 11.7726, 12.0501



11.0634, 11.7726, 13.7821



11.5408, 11.7726, 12.6625

Complementary

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



10.9698, 11.7726, 12.0501



10.7918, 11.1250, 12.8884

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.



11.5212, 11.7726, 13.1842



10.9698, 11.7726, 12.0501



11.2442, 11.7726, 13.8401

Square

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



10.9698, 11.7726, 12.0501



10.9179, 11.7726, 13.4622



11.4121, 11.7726, 13.6186



11.4655, 11.7726, 12.1954

Rectangle

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



10.9698, 11.7726, 12.0501



10.8413, 11.7726, 12.7995



11.4121, 11.7726, 13.6186



11.5451, 11.7726, 12.8372

Sweetspot

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



10.9701, 11.7731, 12.0504



19.3057, 20.4116, 21.8919



10.9982, 11.5166, 11.9994



4.7972, 5.0698, 5.4449



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.



10.9701, 11.7731, 12.0504



18.6405, 20.1041, 20.2573



10.7650, 11.6674, 12.0408



2.7317, 2.9488, 2.9630



7.4513, 12.4754, 2.0153



38.7891, 66.1221, 10.7184

Inverse Universe

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



10.7918, 11.1250, 12.8884



18.2616, 18.7273, 22.0375



11.0022, 11.2335, 12.8983



2.6742, 2.7399, 3.2331



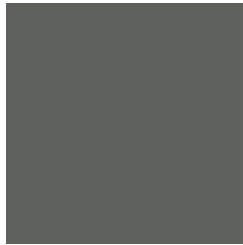
4.5737, 2.0187, 15.5363



23.4163, 10.2598, 82.9508

Previews

White Background



This preview shows how the XYZ color 10.9698, 11.7726, 12.0501 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 10.9698, 11.7726, 12.0501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

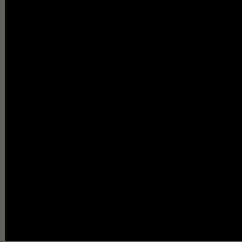
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.9698, 11.7726, 12.0501

Background



This preview shows how black text looks on a background with the XYZ color 10.9698, 11.7726, 12.0501.



This preview shows how white text looks on a background with the XYZ color 10.9698, 11.7726,

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

10.9698, 11.7726, 12.0501

Protanopia

11.2602, 11.7911, 11.8076

Deuteranopia

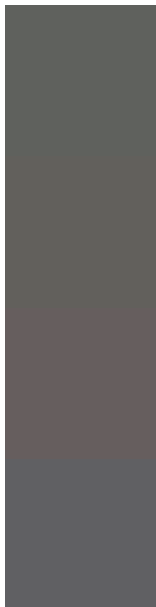
11.8786, 11.7010, 12.2221



Tritanopia

11.4702, 11.7051, 14.4867

Trichromacy



Original Color

10.9698, 11.7726, 12.0501

Protanomaly

11.1516, 11.7351, 11.8026

Deuteranomaly

11.5026, 11.6383, 12.2298

Tritanomaly

11.2589, 11.7534, 13.4796

Monochromacy



Original Color

10.9698, 11.7726, 12.0501

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.0723, 11.6788, 12.4971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.9698, 11.7726, 12.0501 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(95, 97, 93) looks like.

```
.text, #text, p{  
    color:rgb(95, 97, 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(95, 97, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 97, 93) }
```

Border

The CSS property to change the border of an element to XYZ 10.9698, 11.7726, 12.0501 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(95, 97, 93) }
```


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

```
.border{ border-color:rgb(95, 97, 93) }
```

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

Here you see how a box with a 4 pixel rgb(95, 97, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 97, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 97, 93);  
box-shadow:4px 4px 4px 4px rgb(95, 97, 93)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.9698, 11.7726, 12.0501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 97, 93) }
```

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

```
.background{ background-color: rgb(95, 97,  
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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