

Converting Colors

XYZ(10.9978, 11.5161, 11.9991)

Have a look what the booklet for
XYZ(10.9978, 11.5161, 11.9991)
contains.

XYZ(10.9978, 11.5161, 11.9991)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(10.9978, 11.5161,
11.9991)**

Conversions

Conversions Part 1

Format	Color
Hex	615F5D
RGB	97, 95, 93
RGB Percent	38%, 37%, 36%
CMY	0.6196, 0.6274, 0.6353
CMYK	0.00, 0.02, 0.04, 0.62
HSL	30°, 2%, 37%
HSV	30°, 4%, 38%
XYZ	10.9978, 11.5161, 11.9991
YIQ	95.3700, 1.8340, -0.1980

Conversions

Conversions Part 2

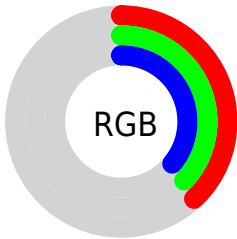
Format	Color
R_{YB}	97, 97, 93
Decimal	6381405
CIE _{Lab}	40.44, 0.39, 1.42
CIE _{LCh}	40, 1.469, 74.792
Yxy	11.5161, 0.3187, 0.3337
Android (android.graphics.Color)	4284571485 (0xFF615F5D)
YUV	95.3700, -1.1684, 1.4295
Hunter-Lab	33.9354, -1.5385, 2.7906

Details

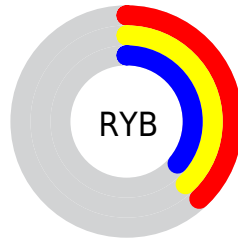
The XYZ color **10.9978, 11.5161, 11.9991** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.7642, 11.3747, 12.9378**, and the grayscale version is **10.9687, 11.5399, 12.5670**.

A 20% lighter version of the original color is **27.2961, 28.5299, 30.0548**, and **2.9766, 3.1057, 3.1319** is the 20% darker color. If you saturate the color by 10%, you get **10.1721, 10.5092, 9.7369**, and if you desaturate by 10%, it is **11.9058, 12.6002, 14.5579**.

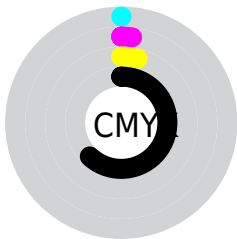
Distribution



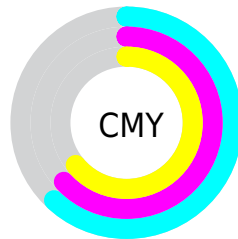
- Red (38%)
- Green (37%)
- Blue (36%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.9978, 11.5161, 11.9991 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 10.9978, 11.5161, 11.9991 by changing the saturation by 10% instead.

■ 10.9978, 11.5161,
11.9991

■ 10.9978, 11.5161,
11.9991

191.5611,
201.1749, 215.3770

■ 6.1326, 6.4151,
6.6205

■ 27.2891, 28.6107,
30.1578

■ 2.9673, 3.0991,
3.1511

■ 39.4459, 41.3730,
43.7751

■ 1.1365, 1.1837,
1.1723

■ 54.7640, 57.4579,
60.9757

■ 0.0553, 0.0483,
0.0000

■ 73.6088, 77.2498,
82.1781

■ 0.0000, 0.0000,
0.0000

96.3455, 101.1330,
107.8009

123.3395,

129.4920, 138.2626

154.9563,
162.7112, 173.9818

■ 10.9978, 11.5161,
11.9991

■ 10.9978, 11.5161,
11.9991

■ 10.1721, 10.5092,
9.7369

■ 11.9058, 12.6002,
14.5579

■ 9.4253, 9.5761,
7.7598

■ 12.8976, 13.7617,
17.4230

■ 8.7550, 8.7155,
6.0565

■ 13.9758, 15.0027,
20.6044

■ 8.1584, 7.9255,
4.6145

■ 15.1426, 16.3249,
24.1115

■ 7.6324, 7.2040,
3.4207

■ 16.4002, 17.7298,
27.9531

■ 7.1738, 6.5487,
2.4605

■ 17.7505, 19.2189,
32.1381

■ 6.7791, 5.9573,
1.7179

■ 19.1955, 20.7937,
36.6746

■ 6.4441, 5.4274,
1.1750

■ 20.7372, 22.4557,
41.5707

■ 6.1616, 4.9548,
0.7953

■ 22.3775, 24.2062,
46.8342

Harmonies

Analogous

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



11.0870, 11.5161, 12.1433



10.9978, 11.5161, 11.9991



10.8952, 11.5161, 11.9981

Triad

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



10.9978, 11.5161, 11.9991



10.7551, 11.5161, 12.6846



11.0860, 11.5161, 12.9464

Complementary

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



10.9978, 11.5161, 11.9991



10.7642, 11.3747, 12.9378

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.



10.9964, 11.5161, 13.0961



10.9978, 11.5161, 11.9991



10.8056, 11.5161, 12.9434

Square

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



10.9978, 11.5161, 11.9991



10.7555, 11.5161, 12.3907



10.8938, 11.5161, 13.0950



11.1381, 11.5161, 12.6886

Rectangle

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



10.9978, 11.5161, 11.9991



10.8330, 11.5161, 12.0785



10.8938, 11.5161, 13.0950



11.0592, 11.5161, 13.0112

Sweetspot

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



10.9981, 11.5166, 11.9993



19.3179, 20.3009, 21.8699



10.9099, 11.1965, 12.4128



4.8000, 5.0448, 5.4399



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.



10.9981, 11.5166, 11.9993



18.7005, 19.5579, 20.1487



11.1805, 11.8814, 12.0602



2.7408, 2.8659, 2.9465



8.1283, 6.2993, 0.7875



42.5407, 31.8874, 3.9127

Inverse Universe

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



10.7642, 11.3747, 12.9378



18.2034, 19.2563, 22.1427



10.5864, 11.0191, 12.8785



2.6654, 2.8201, 3.2491



4.3531, 4.0090, 15.9321



22.3732, 19.6526, 84.8188

Previews

White Background



This preview shows how the XYZ color 10.9978, 11.5161, 11.9991 looks on a white background.

Color Contrast Check

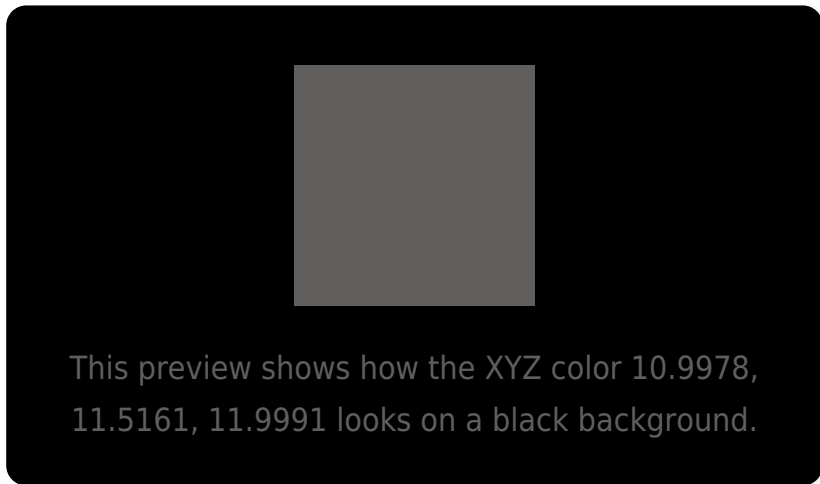
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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

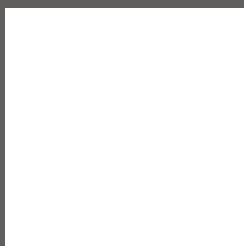
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.9978, 11.5161, 11.9991

Background



This preview shows how black text looks on a background with the XYZ color 10.9978, 11.5161, 11.9991.



This preview shows how white text looks on a background with the XYZ color 10.9978, 11.5161,

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

10.9978, 11.5161, 11.9991

Protanopia

10.9978, 11.5161, 11.9991

Deuteranopia

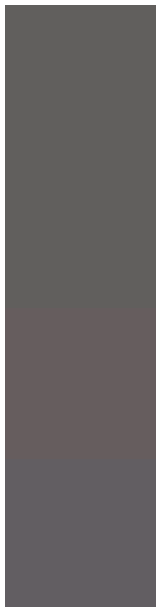
11.6732, 11.4657, 12.1875



Tritanopia

11.3887, 11.5417, 13.9394

Trichromacy



Original Color

10.9978, 11.5161, 11.9991

Protanomaly

10.9978, 11.5161, 11.9991

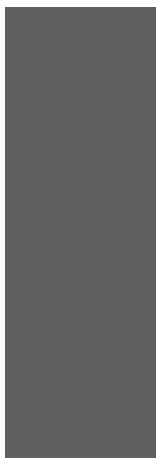
Deuteranomaly

11.4142, 11.4616, 12.2004

Tritanomaly

11.2443, 11.4839, 13.1793

Monochromacy



Original Color

10.9978, 11.5161, 11.9991

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

10.9365, 11.4794, 12.2290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.9978, 11.5161, 11.9991 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(97, 95, 93) looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 10.9978, 11.5161, 11.9991 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(97, 95, 93) }
```


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

```
.border{ border-color:rgb(97, 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(97, 95, 93)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 10.9978, 11.5161, 11.9991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(97, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor