

Converting Colors

XYZ(10.9997, 11.6996, 9.8621)

Have a look what the booklet for
XYZ(10.9997, 11.6996, 9.8621)
contains.

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Color

**XYZ(10.9997, 11.6996,
9.8621)**

Conversions

Conversions Part 1

Format	Color
Hex	646053
RGB	100, 96, 83
RGB Percent	39%, 38%, 33%
CMY	0.6078, 0.6235, 0.6745
CMYK	0.00, 0.04, 0.17, 0.61
HSL	46°, 9%, 36%
HSV	46°, 17%, 39%
XYZ	10.9997, 11.6996, 9.8621
YIQ	95.7140, 6.5570, -3.1950

Conversions

Conversions Part 2

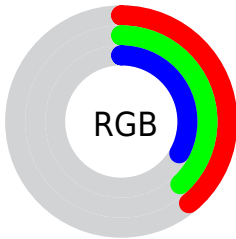
Format	Color
R_{YB}	88, 100, 83
Decimal	6578259
CIE _{Lab}	40.73, -0.89, 8.00
CIE _{LCh}	41, 8.049, 96.319
Yxy	11.6996, 0.3378, 0.3593
Android (android.graphics.Color)	4284768339 (0xFF646053)
YUV	95.7140, -6.2680, 3.7588
Hunter-Lab	34.2047, -2.4553, 6.8484

Details

The XYZ color **10.9997, 11.6996, 9.8621** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **9.2756, 9.5752, 13.4159**, and the grayscale version is **11.0628, 11.6389, 12.6748**.

A 20% lighter version of the original color is **27.2062, 28.8030, 25.9554**, and **2.9587, 3.1780, 2.2912** is the 20% darker color. If you saturate the color by 10%, you get **10.4299, 11.1339, 7.9028**, and if you desaturate by 10%, it is **11.6322, 12.3014, 12.1174**.

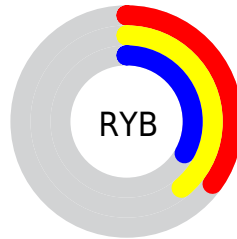
Distribution



Red (39%)

Green (38%)

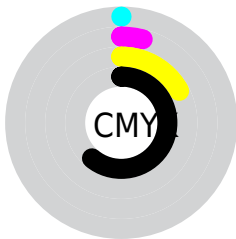
Blue (33%)



Red (35%)

Yellow (39%)

Blue (33%)

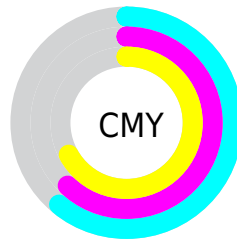


Cyan (0%)

Magenta (4%)

Yellow (17%)

Black (61%)



Cyan (61%)

Magenta (62%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.9997, 11.6996, 9.8621 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 10.9997, 11.6996, 9.8621 by changing the saturation by 10% instead.

■ 10.9997, 11.6996,
9.8621

■ 10.9997, 11.6996,
9.8621

191.5738,
202.4063, 200.1339

■ 6.1339, 6.5395,
5.2032

■ 27.2926, 28.9468,
26.1395

■ 2.9681, 3.1758,
2.3062

■ 39.4504, 41.8027,
38.5952

■ 1.1369, 1.2242,
0.7347

■ 54.7696, 57.9925,
54.4868

■ 0.0557, 0.0813,
0.0000

■ 73.6155, 77.9009,
74.2330

■ 0.0000, 0.0000,
0.0000

■ 96.3535, 101.9120,
98.2523

123.3490,

130.4104, 126.9631

154.9673,
163.7803, 160.7842

■ 10.9997, 11.6996,
9.8621

■ 10.9997, 11.6996,
9.8621

■ 10.4299, 11.1339,
7.9028

■ 11.6322, 12.3014,
12.1174

■ 9.9195, 10.6018,
6.2263

■ 12.3289, 12.9389,
14.6798

■ 9.4663, 10.1026,
4.8193

■ 13.0921, 13.6134,
17.5606

■ 9.0673, 9.6351,
3.6674

■ 13.9240, 14.3259,
20.7704

■ 8.7195, 9.1980,
2.7547

■ 14.8265, 15.0773,
24.3193

■ 8.4195, 8.7899,
2.0635

■ 15.8014, 15.8684,
28.2170

■ 8.1635, 8.4090,
1.5736

■ 16.8507, 16.6999,
32.4726

■ 7.9393, 8.0505,
1.2216

■ 17.9760, 17.5728,
37.0951

■ 7.8736, 7.9454,
1.1186

■ 19.1790, 18.4876,
42.0931

Harmonies

Analogous

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



11.5670, 11.6996, 10.0707



10.9997, 11.6996, 9.8621



10.4824, 11.6996, 10.3695

Triad

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



10.9997, 11.6996, 9.8621



10.2587, 11.6996, 14.6936



12.1563, 11.6996, 14.0440

Complementary

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



10.9997, 11.6996, 9.8621



9.2756, 9.5752, 13.4159

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.



11.7832, 11.6996, 15.4442



10.9997, 11.6996, 9.8621



10.6849, 11.6996, 15.8411

Square

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



10.9997, 11.6996, 9.8621



10.0641, 11.6996, 13.0881



11.2414, 11.6996, 16.1269



12.2475, 11.6996, 12.3959

Rectangle

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



10.9997, 11.6996, 9.8621



10.2312, 11.6996, 11.0734



11.2414, 11.6996, 16.1269



12.0590, 11.6996, 14.5635

Sweetspot

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



11.0000, 11.7001, 9.8623



20.6104, 21.7682, 22.0345



10.0794, 9.5882, 10.3900



5.0567, 5.3426, 5.3686



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.



11.0000, 11.7001, 9.8623



18.9137, 20.1488, 15.9996



10.9162, 12.2121, 9.9656



2.9885, 3.1645, 3.0277



10.5081, 10.5693, 1.4862



54.1130, 53.7399, 7.5208

Inverse Universe

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



9.2756, 9.5752, 13.4159



15.3390, 15.7440, 23.3671



9.3475, 9.1450, 13.3291



2.7402, 2.8585, 3.5393



3.4717, 2.0151, 16.3503



17.5259, 9.3484, 85.0821

Previews

White Background



This preview shows how the XYZ color 10.9997, 11.6996, 9.8621 looks on a white background.

Color Contrast Check

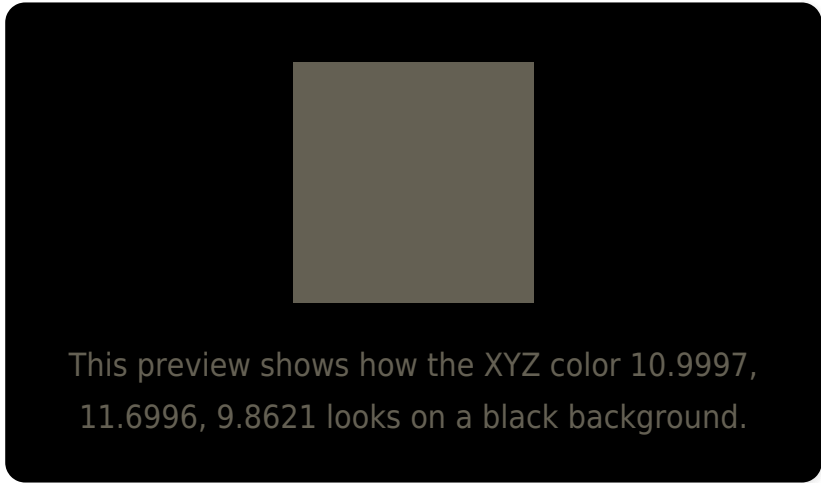
Large Text (above 18pt) WCAG AA ✓ Pass

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

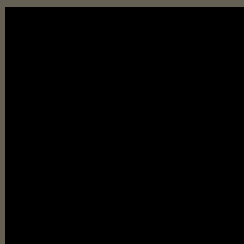
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

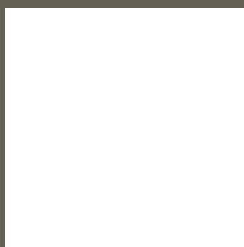
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.9997, 11.6996, 9.8621

Background



This preview shows how black text looks on a background with the XYZ color 10.9997, 11.6996, 9.8621.

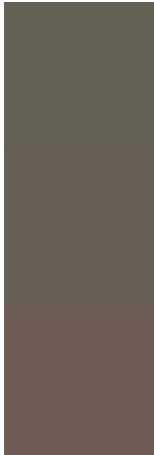


This preview shows how white text looks on a background with the XYZ color 10.9997, 11.6996,

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

10.9997, 11.6996, 9.8621

Protanopia

11.1110, 11.7570, 9.8673

Deuteranopia

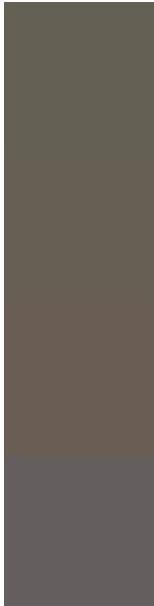
11.8578, 11.6094, 10.0034



Tritanopia

11.7428, 11.5931, 13.9307

Trichromacy



Original Color

10.9997, 11.6996, 9.8621

Protanomaly

11.1110, 11.7570, 9.8673

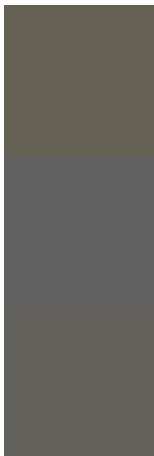
Deuteranomaly

11.4584, 11.5330, 10.0097

Tritanomaly

11.3899, 11.5803, 12.2246

Monochromacy



Original Color

10.9997, 11.6996, 9.8621

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.0010, 11.6625, 11.5688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.9997, 11.6996, 9.8621 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(100, 96, 83)` looks like.

```
.text, #text, p{  
    color:rgb(100, 96, 83)  
}
```

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(100, 96, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 96, 83) }
```

Border

The CSS property to change the border of an element to XYZ 10.9997, 11.6996, 9.8621 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(100, 96, 83) }
```


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

```
.border{ border-color:rgb(100, 96, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 96, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 96, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 96, 83);  
box-shadow:4px 4px 4px 4px rgb(100, 96,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 10.9997, 11.6996, 9.8621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 96, 83) }
```

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

```
.background{ background-color: rgb(100, 96,  
83) }
```

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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