

Converting Colors

XYZ(11.0218, 11.8937, 12.0539)

Have a look what the booklet for
XYZ(11.0218, 11.8937, 12.0539)
contains.

XYZ(11.0628, 11.9586, 12.0811)	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(11.0628, 11.9586,
12.0811)**

Conversions

Conversions Part 1

Format	Color
Hex	5F625D
RGB	95, 98, 93
RGB Percent	37%, 38%, 36%
CMY	0.6274, 0.6157, 0.6353
CMYK	0.03, 0.00, 0.05, 0.62
HSL	96°, 3%, 37%
HSV	96°, 5%, 38%
XYZ	11.0628, 11.9586, 12.0811
YIQ	96.5330, -0.1830, -2.1910

Conversions

Conversions Part 2

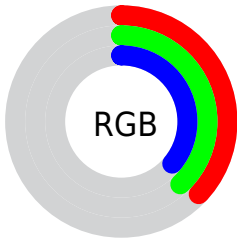
Format	Color
R _Y B	93, 98, 96
Decimal	6251101
CIE Lab	41.15, -2.21, 2.43
CIE LCh	41, 3.286, 132.315
Yxy	11.9586, 0.3152, 0.3407
Android (android.graphics.Color)	4284441181 (0xFF5F625D)
YUV	96.5330, -1.7418, -1.3444
Hunter-Lab	34.5812, -3.4136, 3.4936

Details

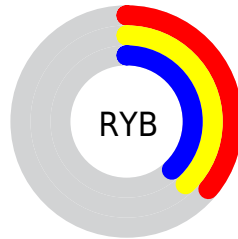
The XYZ color **11.0628, 11.9586, 12.0811** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.9433, 11.1977, 13.1405**, and the grayscale version is **11.2524, 11.8384, 12.8920**.

A 20% lighter version of the original color is **27.3824, 29.4978, 30.2370**, and **3.0077, 3.3142, 3.1705** is the 20% darker color. If you saturate the color by 10%, you get **10.0683, 11.4932, 9.9120**, and if you desaturate by 10%, it is **12.1598, 12.4711, 14.5459**.

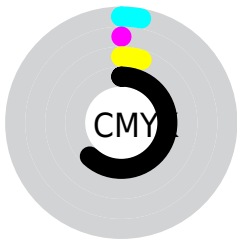
Distribution



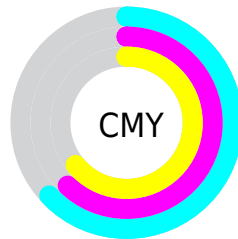
- Red (37%)
- Green (38%)
- Blue (36%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (5%)
- Black (62%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0628, 11.9586, 12.0811 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 11.0628, 11.9586, 12.0811 by changing the saturation by 10% instead.

■ 11.0628, 11.9586,
12.0811

■ 11.0628, 11.9586,
12.0811

191.9973,
204.1310, 215.9384

■ 6.1767, 6.7155,
6.6757

■ 27.4082, 29.4197,
30.3093

■ 2.9945, 3.2848,
3.1848

■ 39.5981, 42.4064,
43.9693

■ 1.1509, 1.2822,
1.1897

■ 54.9534, 58.7432,
61.2178

■ 0.0670, 0.1273,
0.0000

■ 73.8394, 78.8144,
82.4735

■ 0.0000, 0.0000,
0.0000

96.6214, 103.0044,
108.1548

123.6648,

131.6975, 138.6804

155.3350,
165.2783, 174.4687

■ 11.0628, 11.9586,
12.0811

■ 11.0628, 11.9586,
12.0811

■ 10.0683, 11.4932,
9.9120

■ 12.1598, 12.4711,
14.5459

■ 9.1721, 11.0720,
8.0268

■ 13.3613, 13.0304,
17.3163

■ 8.3713, 10.6941,
6.4140

■ 14.6703, 13.6382,
20.4023

■ 7.6625, 10.3579,
5.0608

■ 16.0897, 14.2959,
23.8137

■ 7.0419, 10.0618,
3.9538

■ 17.6221, 15.0046,
27.5594

■ 6.5056, 9.8042,
3.0780

■ 19.2699, 15.7653,
31.6483

■ 6.0491, 9.5830,
2.4170

■ 21.0357, 16.5791,
36.0889

■ 5.6677, 9.3963,
1.9520

■ 22.9218, 17.4472,
40.8893

■ 5.3517, 9.2400,
1.6392

■ 24.9306, 18.3704,
46.0573

Harmonies

Analogous

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



11.2695, 11.9586, 11.7891



11.0628, 11.9586, 12.0811



10.9384, 11.9586, 12.6291

Triad

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



11.0628, 11.9586, 12.0811



11.2287, 11.9586, 14.3019



11.8165, 11.9586, 12.7450

Complementary

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



11.0628, 11.9586, 12.0811



10.9433, 11.1977, 13.1405

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.



11.8052, 11.9586, 13.4207



11.0628, 11.9586, 12.0811



11.4636, 11.9586, 14.3356

Square

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



11.0628, 11.9586, 12.0811



11.0332, 11.9586, 13.9177



11.6753, 11.9586, 14.0082



11.7060, 11.9586, 12.1634

Rectangle

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



11.0628, 11.9586, 12.0811



10.9178, 11.9586, 13.0736



11.6753, 11.9586, 14.0082



11.8269, 11.9586, 12.9683

Sweetspot

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



11.0631, 11.9591, 12.0814



19.9523, 21.2209, 22.4297



11.1961, 11.7532, 12.0346



4.7509, 5.0480, 5.3500



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.



11.0631, 11.9591, 12.0814



19.1905, 20.8649, 20.7375



10.8803, 11.8623, 12.1888



2.6957, 2.9313, 2.9123



6.8924, 12.1873, 1.9891



35.8790, 64.6218, 10.5822

Inverse Universe

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



10.9433, 11.1977, 13.1405



18.9380, 19.2603, 22.9694



11.1329, 11.2981, 13.0265



2.6601, 2.7049, 3.2271



5.2738, 2.3796, 15.5690



27.1607, 12.1901, 83.1260

Previews

White Background



This preview shows how the XYZ color 11.0628, 11.9586, 12.0811 looks on a white background.

Color Contrast Check

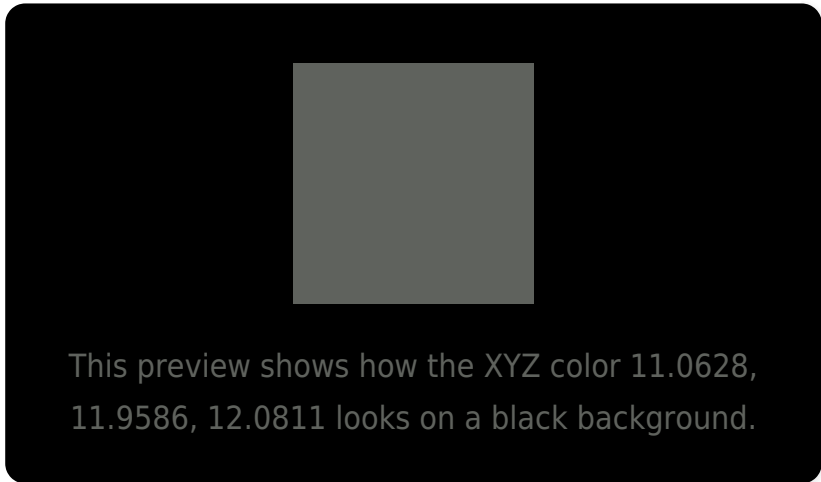
Large Text (above 18pt) WCAG AA ✓ Pass

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

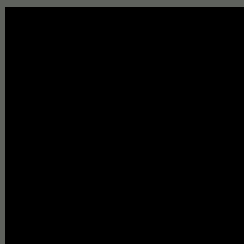
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

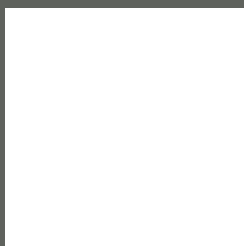
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.0628, 11.9586, 12.0811

Background



This preview shows how black text looks on a background with the XYZ color 11.0628, 11.9586, 12.0811.



This preview shows how white text looks on a background with the XYZ color 11.0628, 11.9586,

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

11.0628, 11.9586, 12.0811

Protanopia

11.4620, 12.0314, 11.8434

Deuteranopia

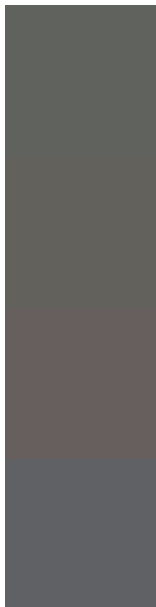
12.0865, 11.9394, 12.2572



Tritanopia

11.6113, 11.9066, 14.7829

Trichromacy



Original Color

11.0628, 11.9586, 12.0811

Protanomaly

11.2435, 11.9188, 11.8332

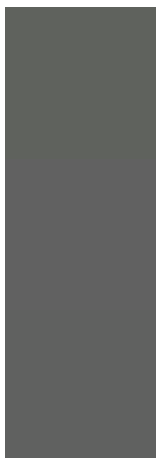
Deuteranomaly

11.7061, 11.8761, 12.2650

Tritanomaly

11.3988, 11.9563, 13.7636

Monochromacy



Original Color

11.0628, 11.9586, 12.0811

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.2099, 11.8807, 12.7687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0628, 11.9586, 12.0811 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, 98, 93) looks like.

```
.text, #text, p{  
    color:rgb(95, 98, 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, 98, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 98, 93) }
```

Border

The CSS property to change the border of an element to XYZ 11.0628, 11.9586, 12.0811 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, 98, 93) }
```


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

```
.border{ border-color:rgb(95, 98, 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, 98, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 98, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 98, 93);  
box-shadow:4px 4px 4px 4px rgb(95, 98, 93)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.0628, 11.9586, 12.0811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 98, 93) }
```

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

```
.background{ background-color: rgb(95, 98,  
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