

Converting Colors

XYZ(11.0726, 12.5000, 11.9318)

Have a look what the booklet for
XYZ(11.0726, 12.5000, 11.9318)
contains.

XYZ(11.0968, 12.5508, 11.9629)	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(11.0968, 12.5508,
11.9629)**

Conversions

Conversions Part 1

Format	Color
Hex	5C665C
RGB	92, 102, 92
RGB Percent	36%, 40%, 36%
CMY	0.6392, 0.6000, 0.6392
CMYK	0.10, 0.00, 0.10, 0.60
HSL	120°, 5%, 38%
HSV	120°, 10%, 40%
XYZ	11.0968, 12.5508, 11.9629
YIQ	97.8700, -2.7500, -5.2300

Conversions

Conversions Part 2

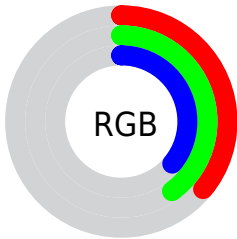
Format	Color
RYB	92, 102, 102
Decimal	6055516
CIELab	42.08, -5.96, 4.34
CIELCh	42, 7.378, 143.923
Yxy	12.5508, 0.3116, 0.3524
Android (android.graphics.Color)	4284245596 (0xFF5C665C)
YUV	97.8700, -2.8939, -5.1480
Hunter-Lab	35.4271, -6.0861, 4.7781

Details

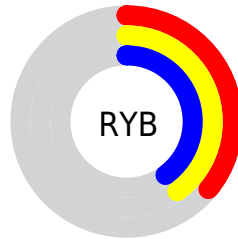
The XYZ color **11.0968, 12.5508, 11.9629** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.7054, 11.4387, 14.1620**, and the grayscale version is **11.5849, 12.1882, 13.2730**.

A 20% lighter version of the original color is **27.4290, 30.4862, 30.0300**, and **2.9860, 3.5105, 3.1050** is the 20% darker color. If you saturate the color by 10%, you get **9.7294, 11.8943, 9.7260**, and if you desaturate by 10%, it is **12.6622, 13.3031, 14.5231**.

Distribution



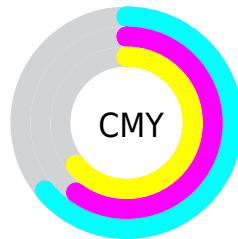
- Red (36%)
- Green (40%)
- Blue (36%)



- Red (36%)
- Yellow (40%)
- Blue (40%)



- Cyan (10%)
- Magenta (0%)
- Yellow (10%)
- Black (60%)



- Cyan (64%)
- Magenta (60%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0968, 12.5508, 11.9629 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 11.0968, 12.5508, 11.9629 by changing the saturation by 10% instead.

■ 11.0968, 12.5508,
11.9629

■ 11.0968, 12.5508,
11.9629

192.2251,
208.0184, 215.1287

■ 6.1998, 7.1200,
6.5962

■ 27.4704, 30.4944,
30.0909

■ 3.0087, 3.5372,
3.1363

■ 39.6777, 43.7759,
43.6893

■ 1.1584, 1.4182,
1.1646

■ 55.0524, 60.4431,
60.8686

■ 0.0731, 0.2301,
0.0000

■ 73.9599, 80.8804,
82.0475

■ 0.0000, 0.0000,
0.0000

■ 96.7655, 105.4722,
107.6443

123.8347,

134.6029, 138.0778

155.5328,
168.6568, 173.7664

■ 11.0968, 12.5508,
11.9629

■ 11.0968, 12.5508,
11.9629

■ 9.7294, 11.8943,
9.7260

■ 12.6622, 13.3031,
14.5231

■ 8.5511, 11.3283,
7.7987

■ 14.4319, 14.1532,
17.4178

■ 7.5539, 10.8494,
6.1676

■ 16.4134, 15.1050,
20.6588

■ 6.7289, 10.4531,
4.8181

■ 18.6132, 16.1617,
24.2570

■ 6.0663, 10.1348,
3.7343

■ 21.0378, 17.3263,
28.2228

■ 5.5554, 9.8893,
2.8986

■ 23.6932, 18.6019,
32.5663

■ 5.1841, 9.7110,
2.2913

■ 26.5854, 19.9912,
37.2971

■ 4.9388, 9.5932,
1.8900

■ 29.7201, 21.4969,
42.4244

■ 4.7552, 9.5050,
1.5897

■ 33.1027, 23.1217,
47.9572

Harmonies

Analogous

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



11.5065, 12.5508, 11.0862



11.0968, 12.5508, 11.9629



10.9107, 12.5508, 13.3484

Triad

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



11.0968, 12.5508, 11.9629



11.8178, 12.5508, 16.8950



12.9195, 12.5508, 12.4769

Complementary

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



11.0968, 12.5508, 11.9629



11.7054, 11.4387, 14.1620

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.



13.0091, 12.5508, 13.9880



11.0968, 12.5508, 11.9629



12.3620, 12.5508, 16.6171

Square

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



11.0968, 12.5508, 11.9629



11.3188, 12.5508, 16.2555



12.8021, 12.5508, 15.5228



12.5611, 12.5508, 11.3667

Rectangle

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



11.0968, 12.5508, 11.9629



10.9344, 12.5508, 14.4055



12.8021, 12.5508, 15.5228



12.9825, 12.5508, 12.9516

Sweetspot

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



11.0971, 12.5513, 11.9632



21.2662, 22.8783, 23.9325



12.1632, 13.1009, 12.0131



4.9727, 5.3760, 5.5737



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.



11.0971, 12.5513, 11.9632



18.8197, 21.7031, 19.9308



11.3231, 12.6417, 13.1530



2.7972, 3.1426, 3.0336



6.1023, 12.2045, 2.0341



31.8266, 63.6532, 10.6089

Inverse Universe

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



11.7054, 11.4387, 14.1620



20.1409, 19.2865, 24.7068



11.4648, 11.3425, 12.8947



2.9359, 2.8890, 3.5349



10.1175, 4.8600, 16.5489



52.7682, 25.3473, 86.3115

Previews

White Background



This preview shows how the XYZ color 11.0968, 12.5508, 11.9629 looks on a white background.

Color Contrast Check

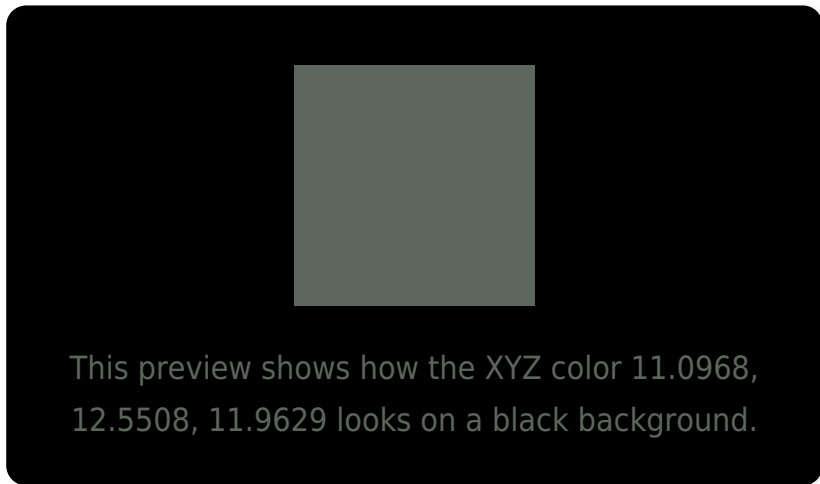
Large Text (above 18pt) WCAG AA ✓ Pass

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

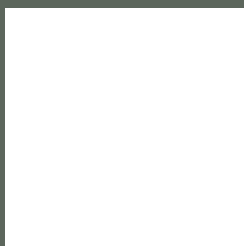
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.0968, 12.5508, 11.9629

Background



This preview shows how black text looks on a background with the XYZ color 11.0968, 12.5508, 11.9629.



This preview shows how white text looks on a background with the XYZ color 11.0968, 12.5508,

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

11.0968, 12.5508, 11.9629

Protanopia

11.9008, 12.5454, 11.4671

Deuteranopia

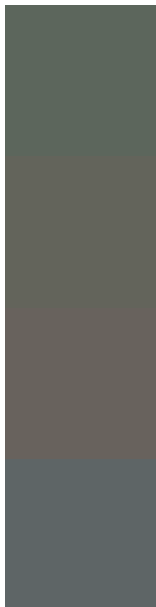
12.7142, 12.5356, 12.1054



Tritanopia

11.9833, 12.6299, 15.9936

Trichromacy



Original Color

11.0968, 12.5508, 11.9629

Protanomaly

11.5911, 12.5223, 11.7037

Deuteranomaly

12.0524, 12.4687, 12.1274

Tritanomaly

11.6680, 12.6464, 14.3964

Monochromacy



Original Color

11.0968, 12.5508, 11.9629

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.3970, 12.2550, 12.8311

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0968, 12.5508, 11.9629 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(92, 102, 92) looks like.

```
.text, #text, p{  
    color:rgb(92, 102, 92)  
}
```

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(92, 102, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 102, 92) }
```

Border

The CSS property to change the border of an element to XYZ 11.0968, 12.5508, 11.9629 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(92, 102, 92) }
```


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

```
.border{ border-color:rgb(92, 102, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 102, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 102, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 102, 92);  
box-shadow:4px 4px 4px 4px rgb(92, 102,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0968, 12.5508, 11.9629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 102, 92) }
```

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

```
.background{ background-color: rgb(92, 102,  
92) }
```

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