

Converting Colors

XYZ(9.7227, 11.7621, 11.8528)

Have a look what the booklet for
XYZ(9.7227, 11.7621, 11.8528)
contains.

XYZ(9.6460, 11.6578, 11.8670)	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(9.6460, 11.6578,
11.8670)**

Conversions

Conversions Part 1

Format	Color
Hex	4D655C
RGB	77, 101, 92
RGB Percent	30%, 40%, 36%
CMY	0.6980, 0.6039, 0.6392
CMYK	0.24, 0.00, 0.09, 0.60
HSL	157°, 13%, 35%
HSV	157°, 24%, 40%
XYZ	9.6460, 11.6578, 11.8670
YIQ	92.7980, -11.4150, -7.8870

Conversions

Conversions Part 2

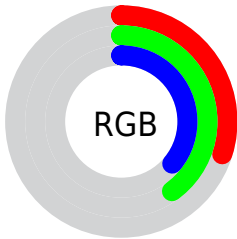
Format	Color
RYB	77, 92, 101
Decimal	5072220
CIELab	40.67, -11.03, 2.17
CIELCh	41, 11.241, 168.881
Yxy	11.6578, 0.2908, 0.3514
Android (android.graphics.Color)	4283262300 (0xFF4D655C)
YUV	92.7980, -0.3934, -13.8548
Hunter-Lab	34.1435, -9.3225, 3.2935

Details

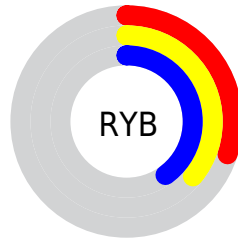
The XYZ color **9.6460, 11.6578, 11.8670** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **9.7008, 8.7466, 9.9815**, and the grayscale version is **10.3604, 10.9000, 11.8701**.

A 20% lighter version of the original color is **24.7149, 28.8451, 29.8562**, and **2.4080, 3.1427, 3.0644** is the 20% darker color. If you saturate the color by 10%, you get **8.7321, 11.2056, 10.9815**, and if you desaturate by 10%, it is **10.6954, 12.1795, 12.8026**.

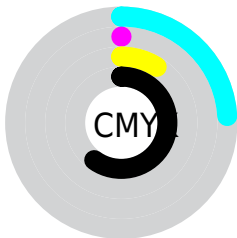
Distribution



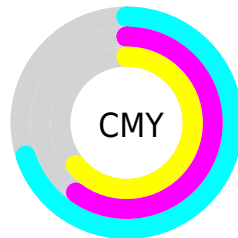
- Red (30%)
- Green (40%)
- Blue (36%)



- Red (30%)
- Yellow (36%)
- Blue (40%)



- Cyan (24%)
- Magenta (0%)
- Yellow (9%)
- Black (60%)



- Cyan (70%)
- Magenta (60%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.6460, 11.6578, 11.8670 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 9.6460, 11.6578, 11.8670 by changing the saturation by 10% instead.

■ 9.6460, 11.6578,
11.8670

■ 9.6460, 11.6578,
11.8670

182.2335,
202.1265, 214.4694

■ 5.2253, 6.5111,
6.5317

■ 24.7833, 28.8703,
29.9134

■ 2.4162, 3.1583,
3.0971

■ 36.2306, 41.7049,
43.4616

■ 0.8532, 1.2149,
1.1444

■ 50.7508, 57.8710,
60.5846

■ 0.0000, 0.0738,
0.0000

■ 68.7094, 77.7528,
81.7008

■ 0.0000, 0.0000,
0.0000

■ 90.4715, 101.7349,
107.2289

116.4027,

130.2016, 137.5873

146.8682,
163.5374, 173.1946

■ 9.6460, 11.6578,
11.8670

■ 9.6460, 11.6578,
11.8670

■ 8.7321, 11.2056,
10.9815

■ 10.6954, 12.1795,
12.8026

■ 7.9468, 10.8185,
10.1444

■ 11.8849, 12.7721,
13.7883

■ 7.2840, 10.4936,
9.3550

■ 13.2201, 13.4389,
14.8253

■ 6.7368, 10.2274,
8.6123

■ 14.7060, 14.1823,
15.9144

■ 6.2974, 10.0158,
7.9153

■ 16.3472, 15.0048,
17.0563

■ 5.9571, 9.8545,
7.2630

■ 18.1483, 15.9087,
18.2520

■ 5.7010, 9.7357,
6.6538

■ 20.1136, 16.8962,
19.5020

■ 5.5545, 9.6680,
6.2940

■ 22.2474, 17.9695,
20.8072

■ 24.5535, 19.1306,
22.1683

Harmonies

Analogous

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



9.9674, 11.6578, 10.0245



9.6460, 11.6578, 11.8670



9.6949, 11.6578, 14.1646

Triad

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



9.6460, 11.6578, 11.8670



11.5829, 11.6578, 17.3068



12.1172, 11.6578, 9.6705

Complementary

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



9.6460, 11.6578, 11.8670



9.7008, 8.7466, 9.9815

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.



12.5919, 11.6578, 11.3277



9.6460, 11.6578, 11.8670



12.2733, 11.6578, 15.7983

Square

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



9.6460, 11.6578, 11.8670



10.7880, 11.6578, 17.4962



12.6504, 11.6578, 13.5572



11.3781, 11.6578, 8.8613

Rectangle

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



9.6460, 11.6578, 11.8670



9.9316, 11.6578, 15.6470



12.6504, 11.6578, 13.5572



12.3145, 11.6578, 10.1370

Sweetspot

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



9.6463, 11.6583, 11.8673



19.6740, 21.5625, 23.0795



9.8498, 11.8316, 8.7860



4.8243, 5.2973, 5.6652



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.



9.6463, 11.6583, 11.8673



15.5834, 19.5300, 19.4426



9.7963, 11.2906, 13.9754



2.8623, 3.1687, 3.3762



7.2627, 12.6687, 8.1448



37.4449, 65.9005, 40.1945

Inverse Universe

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



9.7008, 8.7466, 9.9815



15.6964, 13.5129, 15.5478



9.5608, 9.0109, 8.2568



2.8680, 2.8619, 3.1773



7.4741, 3.8026, 2.6289



38.5858, 19.6743, 11.6279

Previews

White Background



This preview shows how the XYZ color 9.6460, 11.6578, 11.8670 looks on a white background.

Color Contrast Check

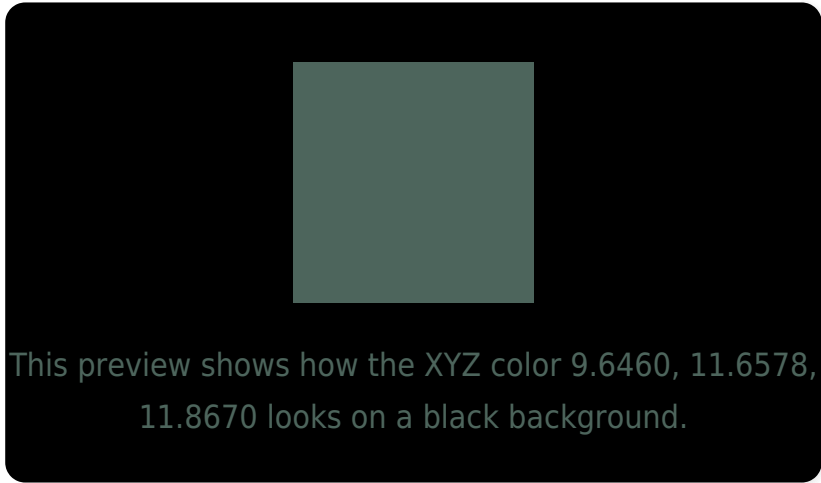
Large Text (above 18pt) WCAG AA ✓ Pass

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

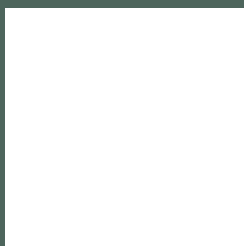
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 9.6460, 11.6578, 11.8670

Background



This preview shows how black text looks on a background with the XYZ color 9.6460, 11.6578, 11.8670.



This preview shows how white text looks on a background with the XYZ color 9.6460, 11.6578,

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

9.6460, 11.6578, 11.8670

Protanopia

11.0410, 11.5583, 11.1003

Deuteranopia

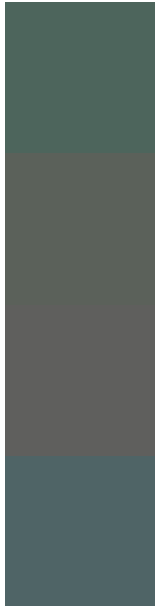
11.6732, 11.4657, 12.1875



Tritanopia

10.4239, 11.6907, 15.6170

Trichromacy



Original Color

9.6460, 11.6578, 11.8670

Protanomaly

10.4345, 11.5117, 11.3449

Deuteranomaly

10.7873, 11.4076, 11.9893

Tritanomaly

10.1799, 11.7359, 14.2991

Monochromacy



Original Color

9.6460, 11.6578, 11.8670

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

10.0891, 11.1823, 11.9826

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.6460, 11.6578, 11.8670 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(77, 101, 92)` looks like.

```
.text, #text, p{  
    color:rgb(77, 101, 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(77, 101, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 101, 92) }
```

Border

The CSS property to change the border of an element to XYZ 9.6460, 11.6578, 11.8670 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(77, 101, 92) }
```


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

```
.border{ border-color:rgb(77, 101, 92) }
```

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

Here you see how a box with a 4 pixel rgb(77, 101, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 101, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 101, 92);  
box-shadow:4px 4px 4px 4px rgb(77, 101,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 9.6460, 11.6578, 11.8670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 101, 92) }
```

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

```
.background{ background-color: rgb(77, 101,  
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](#).

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