

Converting Colors

XYZ(9.5311, 11.7339, 11.8278)

Have a look what the booklet for
XYZ(9.5311, 11.7339, 11.8278)
contains.

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Color

**XYZ(9.5848, 11.7713,
11.8921)**

Conversions

Conversions Part 1

Format	Color
Hex	4B665C
RGB	75, 102, 92
RGB Percent	29%, 40%, 36%
CMY	0.7059, 0.6000, 0.6392
CMYK	0.26, 0.00, 0.10, 0.60
HSL	158°, 15%, 35%
HSV	158°, 26%, 40%
XYZ	9.5848, 11.7713, 11.8921
YIQ	92.7870, -12.8820, -8.8340

Conversions

Conversions Part 2

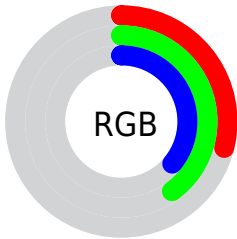
Format	Color
R_{YB}	75, 92, 102
Decimal	4941404
CIE Lab	40.85, -12.31, 2.42
CIE LCh	41, 12.550, 168.897
Yxy	11.7713, 0.2883, 0.3540
Android (android.graphics.Color)	4283131484 (0xFF4B665C)
YUV	92.7870, -0.3880, -15.5992
Hunter-Lab	34.3093, -10.1748, 3.4658

Details

The XYZ color **9.5848, 11.7713, 11.8921** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **9.6357, 8.5132, 9.7302**, and the grayscale version is **10.3581, 10.8976, 11.8674**.

A 20% lighter version of the original color is **24.5859, 29.0205, 29.8969**, and **2.3948, 3.2057, 3.0773** is the 20% darker color. If you saturate the color by 10%, you get **8.6891, 11.3285, 11.0095**, and if you desaturate by 10%, it is **10.6174, 12.2844, 12.8246**.

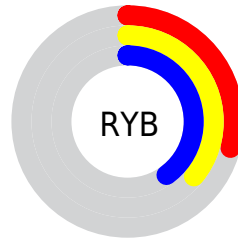
Distribution



Red (29%)

Green (40%)

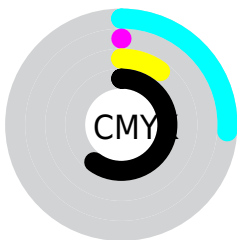
Blue (36%)



Red (29%)

Yellow (36%)

Blue (40%)

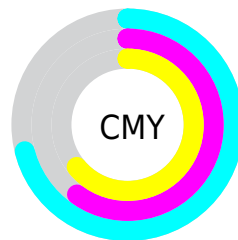


Cyan (26%)

Magenta (0%)

Yellow (10%)

Black (60%)



Cyan (71%)

Magenta (60%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.5848, 11.7713, 11.8921 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 9.5848, 11.7713, 11.8921 by changing the saturation by 10% instead.

■ 9.5848, 11.7713,
11.8921

■ 9.5848, 11.7713,
11.8921

181.7988,
202.8853, 214.6421

■ 5.1847, 6.5881,
6.5486

■ 24.6684, 29.0779,
29.9599

■ 2.3919, 3.2059,
3.1073

■ 36.0826, 41.9701,
43.5213

■ 0.8411, 1.2401,
1.1497

■ 50.5655, 58.2008,
60.6590

■ 0.0000, 0.0941,
0.0000

■ 68.4826, 78.1544,
81.7916

■ 0.0000, 0.0000,
0.0000

■ 90.1990, 102.2152,
107.3377

116.0803,

130.7677, 137.7158

146.4918,
164.1963, 173.3445

■ 9.5848, 11.7713,
11.8921

■ 9.5848, 11.7713,
11.8921

■ 8.6891, 11.3285,
11.0095

■ 10.6174, 12.2844,
12.8246

■ 7.9230, 10.9512,
10.1752

■ 11.7916, 12.8692,
13.8071

■ 7.2803, 10.6366,
9.3884

■ 13.1133, 13.5290,
14.8407

■ 6.7535, 10.3809,
8.6481

■ 14.5876, 14.2666,
15.9262

■ 6.3345, 10.1798,
7.9534

■ 16.2194, 15.0843,
17.0645

■ 6.0141, 10.0287,
7.3030

■ 18.0134, 15.9846,
18.2563

■ 5.7669, 9.9145,
6.6951

■ 19.9741, 16.9698,
19.5024

■ 5.6832, 9.8758,
6.4900

■ 22.1058, 18.0422,
20.8036

■ 24.4126, 19.2037,
22.1604

Harmonies

Analogous

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



9.9423, 11.7713, 9.8452



9.5848, 11.7713, 11.8921



9.6395, 11.7713, 14.4784

Triad

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



9.5848, 11.7713, 11.8921



11.7543, 11.7713, 18.0617



12.3568, 11.7713, 9.4537

Complementary

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



9.5848, 11.7713, 11.8921



9.6357, 8.5132, 9.7302

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.



12.8947, 11.7713, 11.2877



9.5848, 11.7713, 11.8921



12.5342, 11.7713, 16.3335

Square

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



9.5848, 11.7713, 11.8921



10.8605, 11.7713, 18.2802



12.9613, 11.7713, 13.7885



11.5226, 11.7713, 8.5676

Rectangle

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



9.5848, 11.7713, 11.8921



9.9030, 11.7713, 16.1635



12.9613, 11.7713, 13.7885



12.5801, 11.7713, 9.9675

Sweetspot

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



9.5851, 11.7718, 11.8924



20.2984, 22.3790, 23.9040



9.7999, 11.9590, 8.4486



4.7304, 5.2504, 5.5914



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.



9.5851, 11.7718, 11.8924



15.7697, 20.1294, 19.8477



9.7480, 11.3509, 14.2481



2.8628, 3.1689, 3.3788



7.2800, 12.6756, 8.2359



37.5366, 65.9372, 40.6773

Inverse Universe

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



9.6357, 8.5132, 9.7302



15.8757, 13.3330, 15.3412



9.4849, 8.8032, 7.8561



2.8675, 2.8617, 3.1748



7.4644, 3.7987, 2.5780



38.5379, 19.6552, 11.3759

Previews

White Background



This preview shows how the XYZ color 9.5848, 11.7713, 11.8921 looks on a white background.

Color Contrast Check

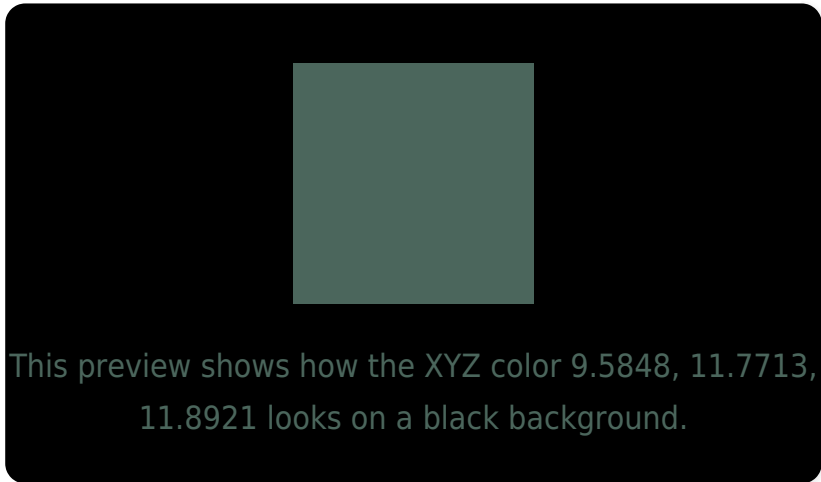
Large Text (above 18pt) WCAG AA ✓ Pass

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 9.5848, 11.7713, 11.8921

Background



This preview shows how black text looks on a background with the XYZ color 9.5848, 11.7713, 11.8921.



This preview shows how white text looks on a background with the XYZ color 9.5848, 11.7713,

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

9.5848, 11.7713, 11.8921

Protanopia

11.1316, 11.7397, 11.1305

Deuteranopia

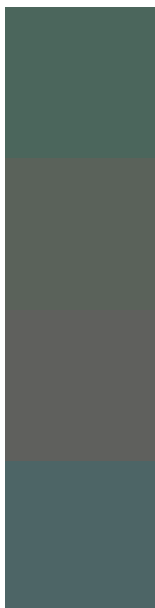
11.8786, 11.7010, 12.2221



Tritanopia

10.4058, 11.8168, 15.9198

Trichromacy



Original Color

9.5848, 11.7713, 11.8921

Protanomaly

10.4296, 11.6472, 11.3713

Deuteranomaly

10.8780, 11.5890, 12.0195

Tritanomaly

10.1125, 11.8445, 14.3236

Monochromacy



Original Color

9.5848, 11.7713, 11.8921

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

9.9964, 11.1345, 11.9782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.5848, 11.7713, 11.8921 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(75, 102, 92)` looks like.

```
.text, #text, p{  
    color:rgb(75, 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(75, 102, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 102, 92) }
```

Border

The CSS property to change the border of an element to XYZ 9.5848, 11.7713, 11.8921 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(75, 102, 92) }
```


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

```
.border{ border-color:rgb(75, 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(75, 102, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 102, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 102, 92);  
box-shadow:4px 4px 4px 4px rgb(75, 102,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 9.5848, 11.7713, 11.8921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 102, 92) }
```

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

```
.background{ background-color: rgb(75, 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](#).

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