

Converting Colors

XYZ(8.8943, 11.8645, 7.1036)

Have a look what the booklet for
XYZ(8.8943, 11.8645, 7.1036)
contains.

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Color

**XYZ(8.8651, 11.8017,
7.1209)**

Conversions

Conversions Part 1

Format	Color
Hex	4B6843
RGB	75, 104, 67
RGB Percent	29%, 41%, 26%
CMY	0.7059, 0.5921, 0.7373
CMYK	0.28, 0.00, 0.36, 0.59
HSL	107°, 22%, 34%
HSV	107°, 36%, 41%
XYZ	8.8651, 11.8017, 7.1209
YIQ	91.1110, -5.4070, -17.6550

Conversions

Conversions Part 2

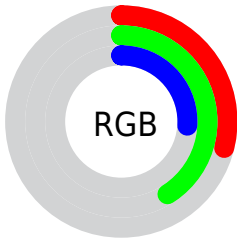
Format	Color
RYB	67, 104, 96
Decimal	4941891
CIELab	40.90, -18.50, 17.52
CIElCh	41, 25.484, 136.558
Yxy	11.8017, 0.3190, 0.4247
Android (android.graphics.Color)	4283131971 (0xFF4B6843)
YUV	91.1110, -11.8867, -14.1293
Hunter-Lab	34.3536, -14.0561, 11.7577

Details

The XYZ color **8.8651, 11.8017, 7.1209** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **9.3301, 7.5009, 14.0533**, and the grayscale version is **9.9965, 10.5171, 11.4531**.

A 20% lighter version of the original color is **23.2733, 29.0405, 20.5984**, and **2.1245, 3.2493, 1.3258** is the 20% darker color. If you saturate the color by 10%, you get **7.9835, 11.3805, 5.5948**, and if you desaturate by 10%, it is **9.8851, 12.2885, 8.9466**.

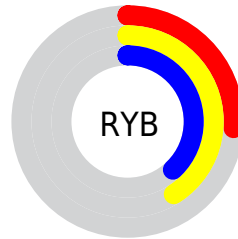
Distribution



Red (29%)

Green (41%)

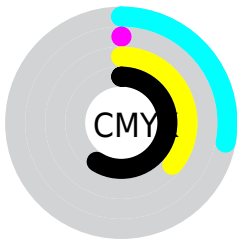
Blue (26%)



Red (26%)

Yellow (41%)

Blue (38%)

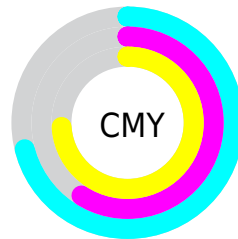


Cyan (28%)

Magenta (0%)

Yellow (36%)

Black (59%)



Cyan (71%)

Magenta (59%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 8.8651, 11.8017, 7.1209 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 8.8651, 11.8017, 7.1209 by changing the saturation by 10% instead.

8.8651, 11.8017,
7.1209

8.8651, 11.8017,
7.1209

176.5968,
203.0880, 178.3334

4.7097, 6.6088,
3.4582

23.3073, 29.1334,
20.7330

2.1110, 3.2187,
1.3331

34.3248, 42.0410,
31.5196

0.6952, 1.2469,
0.0887

48.3603, 58.2890,
45.5178

0.0000, 0.0995,
0.0000

65.7793, 78.2617,
63.1463

0.0000, 0.0000,
0.0000

86.9471, 102.3436,
84.8235

112.2291,

130.9190, 110.9681

141.9905,
164.3724, 141.9986

■ 8.8651, 11.8017,
7.1209

■ 8.8651, 11.8017,
7.1209

■ 7.9835, 11.3805,
5.5948

■ 9.8851, 12.2885,
8.9466

■ 7.2334, 11.0205,
4.3515

■ 11.0482, 12.8420,
11.0859

■ 6.6084, 10.7193,
3.3739

■ 12.3602, 13.4651,
13.5528

■ 6.1014, 10.4736,
2.6425

■ 13.8262, 14.1602,
16.3604

■ 5.7045, 10.2798,
2.1355

■ 15.4509, 14.9295,
19.5208

■ 5.4041, 10.1319,
1.8029

■ 17.2391, 15.7752,
23.0457

■ 5.2922, 10.0772,
1.6662

■ 19.1951, 16.6992,
26.9463

■ 21.3232, 17.7036,
31.2331

■ 23.6275, 18.7903,
35.9165

Harmonies

Analogous

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



10.2499, 11.8017, 5.4429



8.8651, 11.8017, 7.1209



8.1484, 11.8017, 10.6599

Triad

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



8.8651, 11.8017, 7.1209



10.4238, 11.8017, 25.2577



14.9137, 11.8017, 10.2023

Complementary

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



8.8651, 11.8017, 7.1209



9.3301, 7.5009, 14.0533

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.



14.9732, 11.8017, 15.3214



8.8651, 11.8017, 7.1209



12.2434, 11.8017, 25.0372

Square

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



8.8651, 11.8017, 7.1209



8.9805, 11.8017, 21.5785



13.9523, 11.8017, 21.0391



13.7974, 11.8017, 6.8643

Rectangle

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



8.8651, 11.8017, 7.1209



8.0897, 11.8017, 14.0280



13.9523, 11.8017, 21.0391



15.0618, 11.8017, 11.7400

Sweetspot

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



8.8654, 11.8022, 7.1212



20.3321, 22.9806, 21.2237



10.9038, 11.7115, 6.9962



4.9081, 5.5818, 5.0798



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



8.8654, 11.8022, 7.1212



14.2034, 20.0598, 10.1511



8.6221, 11.6371, 8.9030



2.8474, 3.1685, 3.0360



6.4985, 12.4088, 2.0526



33.2622, 64.3933, 10.6760

Inverse Universe

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



9.3301, 7.5009, 14.0533



15.1493, 11.2467, 24.3494



9.7152, 7.7572, 11.4620



2.8810, 2.8607, 3.5323



7.2908, 3.4027, 16.4169



37.2683, 17.3568, 85.5873

Previews

White Background



This preview shows how the XYZ color 8.8651, 11.8017, 7.1209 looks on a white background.

Color Contrast Check

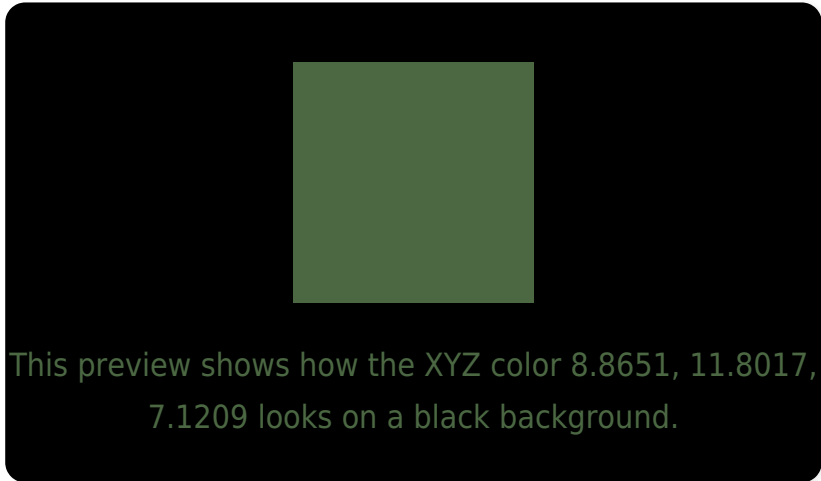
Large Text (above 18pt) WCAG AA ✓ Pass

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 8.8651, 11.8017, 7.1209

Background



This preview shows how black text looks on a background with the XYZ color 8.8651, 11.8017, 7.1209.



This preview shows how white text looks on a background with the XYZ color 8.8651, 11.8017,

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

8.8651, 11.8017, 7.1209

Protanopia

10.8172, 11.6790, 6.5346

Deuteranopia

11.8721, 11.6739, 7.4219



Tritanopia

10.5954, 11.7791, 15.6251

Trichromacy



Original Color

8.8651, 11.8017, 7.1209

Protanomaly

9.9302, 11.6325, 6.7229

Deuteranomaly

10.5126, 11.5047, 7.2968

Tritanomaly

9.8099, 11.7423, 11.8747

Monochromacy



Original Color

8.8651, 11.8017, 7.1209

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

9.4522, 10.9062, 9.5896

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.8651, 11.8017, 7.1209 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, 104, 67)` looks like.

```
.text, #text, p{  
    color:rgb(75, 104, 67)  
}
```

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, 104, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 104, 67) }
```

Border

The CSS property to change the border of an element to XYZ 8.8651, 11.8017, 7.1209 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, 104, 67) }
```


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

```
.border{ border-color:rgb(75, 104, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 104, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 104, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 104, 67);  
box-shadow:4px 4px 4px 4px rgb(75, 104,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 8.8651, 11.8017, 7.1209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 104, 67) }
```

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

```
.background{ background-color: rgb(75, 104,  
67) }
```

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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