

Converting Colors

XYZ(8.9146, 10.4686, 4.6828)

Have a look what the booklet for
XYZ(8.9146, 10.4686, 4.6828)
contains.

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Color

**XYZ(8.9146, 10.4686,
4.6828)**

Conversions

Conversions Part 1

Format	Color
Hex	5B5E33
RGB	91, 94, 51
RGB Percent	36%, 37%, 20%
CMY	0.6431, 0.6314, 0.8000
CMYK	0.03, 0.00, 0.46, 0.63
HSL	64°, 30%, 28%
HSV	64°, 46%, 37%
XYZ	8.9146, 10.4686, 4.6828
YIQ	88.2010, 12.0150, -14.0090

Conversions

Conversions Part 2

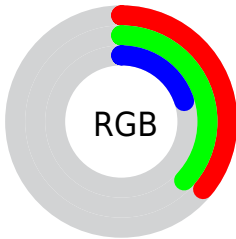
Format	Color
R_{YB}	51, 94, 54
Decimal	5987891
CIE Lab	38.67, -8.48, 24.19
CIE LCh	39, 25.630, 109.311
Yxy	10.4686, 0.3704, 0.4350
Android (android.graphics.Color)	4284177971 (0xFF5B5E33)
YUV	88.2010, -18.3401, 2.4547
Hunter-Lab	32.3552, -7.4408, 14.0676

Details

The XYZ color **8.9146, 10.4686, 4.6828** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4.7260, 3.9604, 11.1057**, and the grayscale version is **9.3570, 9.8443, 10.7204**.

A 20% lighter version of the original color is **23.3332, 26.5791, 15.4558**, and **2.1231, 2.6603, 0.5452** is the 20% darker color. If you saturate the color by 10%, you get **8.6636, 10.3611, 3.6965**, and if you desaturate by 10%, it is **9.2086, 10.5941, 5.8904**.

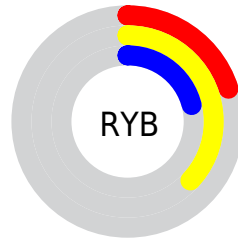
Distribution



Red (36%)

Green (37%)

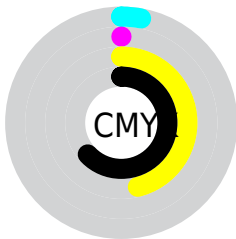
Blue (20%)



Red (20%)

Yellow (37%)

Blue (21%)

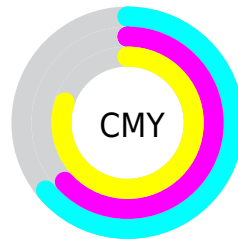


Cyan (3%)

Magenta (0%)

Yellow (46%)

Black (63%)



Cyan (64%)

Magenta (63%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 8.9146, 10.4686, 4.6828 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 8.9146, 10.4686, 4.6828 by changing the saturation by 10% instead.

8.9146, 10.4686,
4.6828

8.9146, 10.4686,
4.6828

176.9601,
193.9846, 155.5367

4.7422, 5.7107,
2.0069

23.4015, 26.6732,
15.5562

2.1300, 2.6700,
0.5595

34.4467, 38.8888,
24.5908

0.7054, 0.9620,
0.0000

48.5136, 54.3591,
36.5820

0.0000, 0.0000,
0.0000

65.9675, 73.4684,
51.9484

87.1737, 96.6013,
71.1085

112.4977,

124.1420, 94.4809

142.3047,
156.4750, 122.4841

■ 8.9146, 10.4686,
4.6828

■ 8.9146, 10.4686,
4.6828

■ 8.6636, 10.3611,
3.6965

■ 9.2086, 10.5941,
5.8904

■ 8.4524, 10.2693,
2.9175

■ 9.5471, 10.7371,
7.3309

■ 8.2783, 10.1923,
2.3312

■ 9.9327, 10.8989,
9.0160

■ 8.1381, 10.1290,
1.9206

■ 10.3673, 11.0805,
10.9563

■ 8.0226, 10.0756,
1.6368

■ 10.8528, 11.2825,
13.1618

■ 7.9744, 10.0533,
1.5202

■ 11.3911, 11.5056,
15.6419

■ 11.9837, 11.7506,
18.4056

■ 12.6325, 12.0181,
21.4616

■ 13.3389, 12.3087,
24.8181

Harmonies

Analogous

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



10.5645, 10.4686, 4.4857



8.9146, 10.4686, 4.6828



7.6858, 10.4686, 6.3478

Triad

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



8.9146, 10.4686, 4.6828



7.9800, 10.4686, 20.0023



13.4934, 10.4686, 13.2115

Complementary

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



8.9146, 10.4686, 4.6828



4.7260, 3.9604, 11.1057

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.



12.6204, 10.4686, 18.5984



8.9146, 10.4686, 4.6828



9.3600, 10.4686, 23.1937

Square

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



8.9146, 10.4686, 4.6828



7.1899, 10.4686, 14.7581



11.0628, 10.4686, 22.6176



13.3392, 10.4686, 8.5919

Rectangle

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



8.9146, 10.4686, 4.6828



7.2114, 10.4686, 8.4191



11.0628, 10.4686, 22.6176



13.3068, 10.4686, 15.0090

Sweetspot

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



8.9149, 10.4691, 4.6830



17.4858, 19.1225, 16.2053



6.5270, 5.2450, 3.8005



4.1647, 4.5716, 3.7713



48.1978, 50.7079, 55.2208



4.4639, 4.6964, 5.1144

Same Dimension

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



8.9149, 10.4691, 4.6830



15.1305, 18.1245, 6.3254



7.1001, 9.5335, 4.5981



2.4866, 2.6796, 2.5124



11.0167, 13.9007, 2.1025



60.0202, 75.9623, 11.4988

Inverse Universe

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



4.7260, 3.9604, 11.1057



6.7580, 5.1090, 19.1725



6.1350, 4.6868, 11.1717



2.2347, 2.2884, 2.8984



2.8913, 1.1676, 14.7251



15.5315, 6.2384, 80.6212

Previews

White Background



This preview shows how the XYZ color 8.9146, 10.4686, 4.6828 looks on a white background.

Color Contrast Check

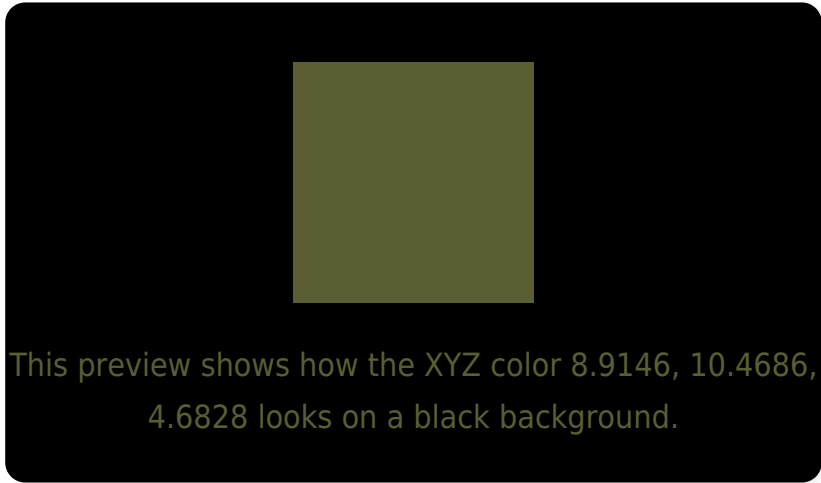
Large Text (above 18pt) WCAG AA ✓ Pass

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

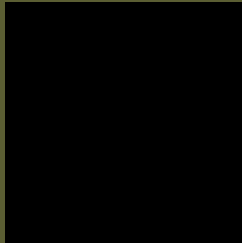
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

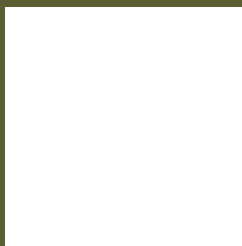
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 8.9146, 10.4686, 4.6828

Background



This preview shows how black text looks on a background with the XYZ color 8.9146, 10.4686, 4.6828.



This preview shows how white text looks on a background with the XYZ color 8.9146, 10.4686,

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

8.9146, 10.4686, 4.6828

Protanopia

9.5723, 10.4218, 4.5247

Deuteranopia

10.6063, 10.4529, 4.8268



Tritanopia

10.5076, 10.4761, 12.5346

Trichromacy



Original Color

8.9146, 10.4686, 4.6828

Protanomaly

9.3326, 10.4260, 4.5381

Deuteranomaly

9.9849, 10.5033, 4.7499

Tritanomaly

9.8051, 10.4410, 9.0880

Monochromacy



Original Color

8.9146, 10.4686, 4.6828

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

9.0460, 9.9442, 8.0993

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.9146, 10.4686, 4.6828 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(91, 94, 51)` looks like.

```
.text, #text, p{  
    color:rgb(91, 94, 51)  
}
```

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(91, 94, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 94, 51) }
```

Border

The CSS property to change the border of an element to XYZ 8.9146, 10.4686, 4.6828 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(91, 94, 51) }
```


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

```
.border{ border-color:rgb(91, 94, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 94, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 94, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 94, 51);  
box-shadow:4px 4px 4px 4px rgb(91, 94, 51)  
}
```

Background

The CSS property to change the background color of an element to XYZ 8.9146, 10.4686, 4.6828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 94, 51) }
```

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

```
.background{ background-color: rgb(91, 94,  
51) }
```

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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