

Converting Colors

XYZ(8.2826, 10.1415, 5.6946)

Have a look what the booklet for
XYZ(8.2826, 10.1415, 5.6946)
contains.

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Color

**XYZ(8.2718, 10.1150,
5.6541)**

Conversions

Conversions Part 1	
Format	Color
Hex	525E3B
RGB	82, 94, 59
RGB Percent	32%, 37%, 23%
CMY	0.6784, 0.6314, 0.7686
CMYK	0.13, 0.00, 0.37, 0.63
HSL	81°, 23%, 30%
HSV	81°, 37%, 37%
XYZ	8.2718, 10.1150, 5.6541
YIQ	86.4220, 4.0830, -13.4290

Conversions

Conversions Part 2

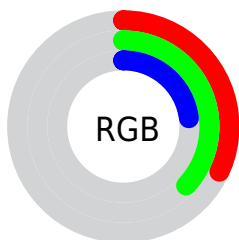
Format	Color
RYB	59, 94, 71
Decimal	5398075
CIELab	38.05, -11.39, 18.57
CIELCh	38, 21.785, 121.520
Yxy	10.1150, 0.3441, 0.4207
Android (android.graphics.Color)	4283588155 (0xFF525E3B)
YUV	86.4220, -13.5190, -3.8781
Hunter-Lab	31.8041, -9.2318, 11.7223

Details

The XYZ color **8.2718, 10.1150, 5.6541** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6.1833, 5.2759, 11.2827**, and the grayscale version is **8.9628, 9.4295, 10.2688**.

A 20% lighter version of the original color is **22.1428, 25.9136, 17.7447**, and **1.8780, 2.5264, 0.8789** is the 20% darker color. If you saturate the color by 10%, you get **7.7760, 9.8854, 4.4709**, and if you desaturate by 10%, it is **8.8252, 10.3699, 7.0697**.

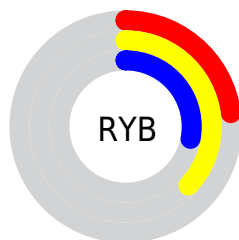
Distribution



Red (32%)

Green (37%)

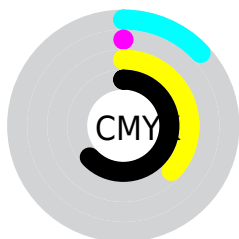
Blue (23%)



Red (23%)

Yellow (37%)

Blue (28%)

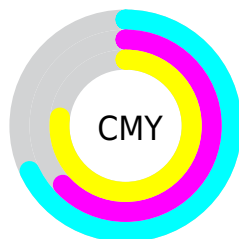


Cyan (13%)

Magenta (0%)

Yellow (37%)

Black (63%)



Cyan (68%)


Magenta (63%)


Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 8.2718, 10.1150, 5.6541 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 8.2718, 10.1150, 5.6541 by changing the saturation by 10% instead.

 8.2718, 10.1150,
5.6541


 8.2718, 10.1150,
5.6541


172.1733,
191.4909, 165.1405


 4.3226, 5.4753,
2.5706


 22.1699, 26.0116,
17.6737


 1.8862, 2.5287,
0.8772


 32.8496, 38.0372,
27.4469

 0.5688, 0.8910,
0.0000

 46.5035, 53.2936,
40.2870

 0.0000, 0.0000,
0.0000


 63.4969, 72.1652,
56.6125


 84.1952, 95.0363,
76.8421


 108.9638,


122.2914, 101.3943


138.1681,
154.3148, 130.6876


 8.2718, 10.1150,
5.6541


 8.2718, 10.1150,
5.6541


 7.7760, 9.8854,
4.4709


 8.8252, 10.3699,
7.0697


 7.3345, 9.6787,
3.5070


 9.4379, 10.6496,
8.7286


 6.9448, 9.4941,
2.7491

 10.1122, 10.9556,
10.6418

 6.6038, 9.3306,
2.1820

 10.8503, 11.2887,
12.8193

 6.3082, 9.1866,
1.7885

 11.6542, 11.6497,
15.2707

6.0454, 9.0571,
1.5042

12.5257, 12.0393,
18.0050

5.9750, 9.0225,
1.4266

13.4666, 12.4584,
21.0310

14.4787, 12.9075,
24.3568

15.5635, 13.3875,
27.9906

Harmonies

Analogous

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



9.5426, 10.1150, 4.9560



8.2718, 10.1150, 5.6541



7.4329, 10.1150, 7.7257

Triad

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



8.2718, 10.1150, 5.6541



8.3844, 10.1150, 19.2936



12.5700, 10.1150, 10.8098

Complementary

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



8.2718, 10.1150, 5.6541



6.1833, 5.2759, 11.2827

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.



12.1848, 10.1150, 15.1225



8.2718, 10.1150, 5.6541



9.6857, 10.1150, 20.6799

Square

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



8.2718, 10.1150, 5.6541



7.4933, 10.1150, 15.5653



11.0941, 10.1150, 18.9973



12.1012, 10.1150, 7.4488

Rectangle

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



8.2718, 10.1150, 5.6541



7.1856, 10.1150, 9.9134



11.0941, 10.1150, 18.9973



12.5359, 10.1150, 12.1922

Sweetspot

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



8.2721, 10.1154, 5.6543



17.2074, 18.9566, 17.2020



7.6380, 7.1600, 5.1173



4.1002, 4.5319, 4.0563



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.



8.2721, 10.1154, 5.6543



13.6840, 17.3406, 7.9865



6.9614, 9.4398, 5.5930



2.4315, 2.6512, 2.5099



8.2145, 12.4561, 1.9713



44.0052, 67.7063, 10.7493

Inverse Universe

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



6.1833, 5.2759, 11.2827



9.4208, 7.4558, 19.4852



7.6250, 6.0192, 11.3502



2.2863, 2.3150, 2.9008



3.5801, 1.5227, 14.7573



18.7288, 7.8867, 80.7709

Previews

White Background



This preview shows how the XYZ color 8.2718, 10.1150, 5.6541 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



This preview shows how the XYZ color 8.2718, 10.1150, 5.6541 looks on a 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 8.2718, 10.1150, 5.6541

Background



This preview shows how black text looks on a background with the XYZ color 8.2718, 10.1150, 5.6541.



This preview shows how white text looks on a background with the XYZ color 8.2718, 10.1150,

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

8.2718, 10.1150, 5.6541

Protanopia

9.2407, 9.9816, 5.3105

Deuteranopia

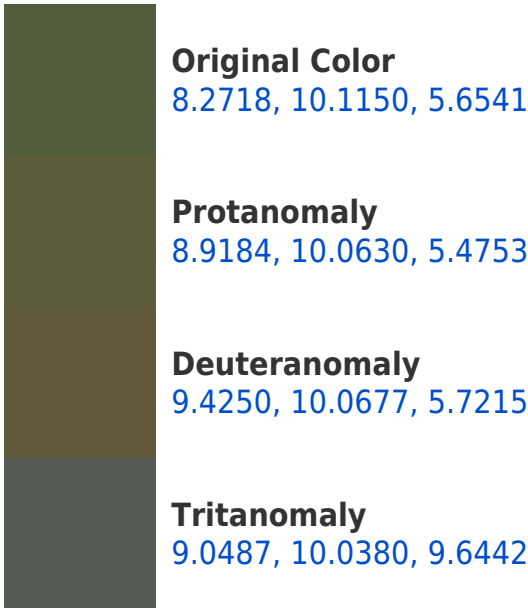
10.2335, 10.1183, 5.8285



Tritanopia

9.6605, 10.0341, 12.7369

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.2718, 10.1150, 5.6541 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(82, 94, 59) looks like.

```
.text, #text, p{  
    color:rgb(82, 94, 59)  
}
```

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(82, 94, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 94, 59) }
```

Border

The CSS property to change the border of an element to XYZ 8.2718, 10.1150, 5.6541 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(82, 94, 59) }
```


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

```
.border{ border-color:rgb(82, 94, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 94, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 94, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 94, 59);  
box-shadow:4px 4px 4px 4px rgb(82, 94, 59)  
}
```

Background

The CSS property to change the background color of an element to XYZ 8.2718, 10.1150, 5.6541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 94, 59) }
```

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

```
.background{ background-color: rgb(82, 94,  
59) }
```

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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