

# Converting Colors

XYZ(25.9201, 43.7326, 11.0199)

Have a look what the booklet for  
XYZ(25.9201, 43.7326, 11.0199)  
contains.

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# Color

**XYZ(25.8032, 43.5320,  
11.0455)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5EC73A
RGB	94, 199, 58
RGB Percent	37%, 78%, 23%
CMY	0.6314, 0.2196, 0.7725
CMYK	0.53, 0.00, 0.71, 0.22
HSL	105°, 56%, 50%
HSV	105°, 71%, 78%
XYZ	25.8032, 43.5320, 11.0455
YIQ	151.5310, -17.3190, -66.1110

# Conversions

## Conversions Part 2

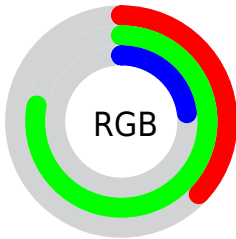
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 199, 163
Decimal	6211386
CIELab	71.91, -55.19, 58.30
CIELCh	72, 80.279, 133.429
Yxy	43.5320, 0.3210, 0.5416
Android (android.graphics.Color)	4284401466 (0xFF5EC73A)
YUV	151.5310, -46.1108, -50.4547
Hunter-Lab	65.9788, -45.6545, 36.2594

# Details

The XYZ color **25.8032, 43.5320, 11.0455** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **26.9286, 14.9378, 55.4992**, and the grayscale version is **29.8415, 31.3956, 34.1898**.

A 20% lighter version of the original color is **51.8775, 79.4846, 28.2306**, and **10.3041, 20.1171, 3.3399** is the 20% darker color. If you saturate the color by 10%, you get **24.0153, 42.6592, 8.8109**, and if you desaturate by 10%, it is **28.0806, 44.6371, 14.3257**.

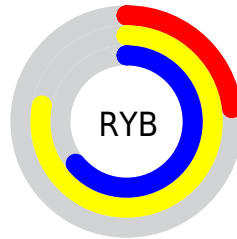
# Distribution



Red (37%)

Green (78%)

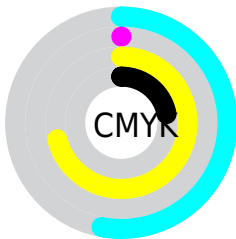
Blue (23%)



Red (23%)

Yellow (78%)

Blue (64%)

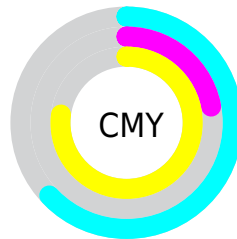


Cyan (53%)

Magenta (0%)

Yellow (71%)

Black (22%)



Cyan (63%)

Magenta (22%)


Yellow (77%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8032, 43.5320, 11.0455 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 25.8032, 43.5320, 11.0455 by changing the saturation by 10% instead.





 25.8032, 43.5320,  
11.0455


 25.8032, 43.5320,  
11.0455


274.0891,  
360.7951, 208.7281


 16.8084, 30.3028,  
5.9829


 52.3909, 80.5131,  
28.3822


 10.1924, 20.0685,  
2.7661


 70.7144, 105.0337,  
41.4934


 5.5900, 12.4448,  
0.9765


 92.8782, 134.0868,  
58.1245

 2.6357, 7.0474,  
0.0000

 119.2477,  
168.0570, 78.6941

 0.9642, 3.4918,  
0.0000

 150.1882,  
207.3285, 103.6207

 0.0000, 1.3935,  
0.0000

186.0650,

 0.0000, 0.2120,

252.2857, 133.3229

0.0000

227.2435,  
303.3131, 168.2192

■ 0.0000, 0.0000,  
0.0000

■ 25.8032, 43.5320,  
11.0455

■ 25.8032, 43.5320,  
11.0455

■ 24.0153, 42.6592,  
8.8109

■ 28.0806, 44.6371,  
14.3257

■ 22.6730, 41.9951,  
7.4919


■ 30.8800, 45.9851,  
18.7556


■ 21.7796, 41.5473,  
6.8715


■ 34.2344, 47.5923,  
24.4299

■ 38.1731, 49.4718,  
31.4327

■ 42.7233, 51.6362,  
39.8406

 47.9103, 54.0967,  
49.7246

 53.7580, 56.8645,  
61.1508

 60.2891, 59.9497,  
74.1813

 67.5250, 63.3623,  
88.8749

# Harmonies

## Analogous

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



35.5643, 43.5320, 5.4027



25.8032, 43.5320, 11.0455



20.9430, 43.5320, 29.0012

# Triad

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



25.8032, 43.5320, 11.0455



34.3201, 43.5320, 162.4243



72.5857, 43.5320, 31.9717

# Complementary

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



25.8032, 43.5320, 11.0455



26.9286, 14.9378, 55.4992

# 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.



72.0442, 43.5320, 72.2854



25.8032, 43.5320, 11.0455



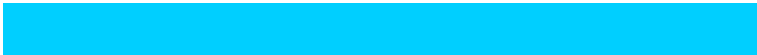
47.7884, 43.5320, 164.8654

# Square

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



25.8032, 43.5320, 11.0455



25.0662, 43.5320, 120.3099



62.2141, 43.5320, 125.8249



63.5617, 43.5320, 12.1884

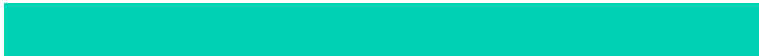


# Rectangle

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



25.8032, 43.5320, 11.0455



20.2862, 43.5320, 52.0478



62.2141, 43.5320, 125.8249



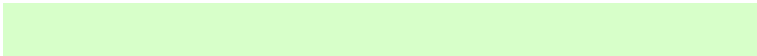
73.5674, 43.5320, 43.0355

# Sweetspot

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



25.8042, 43.5338, 11.0465



74.4154, 90.2236, 69.0291



37.1337, 38.0794, 9.3965



15.4296, 19.0747, 13.8446



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

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



25.8042, 43.5338, 11.0465



40.6874, 74.0193, 13.9976



24.0537, 42.5020, 16.8119



10.7471, 12.0165, 11.3158



14.0738, 26.7506, 4.4216



0.7359, 1.3025, 0.2126



# Inverse Universe

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



26.9286, 14.9378, 55.4992



42.4817, 20.8558, 96.3943



31.9600, 17.9262, 37.9021



10.8086, 10.6751, 13.4083



14.5895, 6.7554, 35.2793



0.7550, 0.3530, 1.6735



# Previews

## White Background



This preview shows how the XYZ color 25.8032, 43.5320, 11.0455 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 25.8032, 43.5320, 11.0455 looks on a black 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 ✓ Pass

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

**XYZ 25.8032, 43.5320, 11.0455**

## **Background**



This preview shows how black text looks on a background with the XYZ color 25.8032, 43.5320, 11.0455.



This preview shows how white text looks on a background with the XYZ color 25.8032, 43.5320,



# 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

25.8032, 43.5320, 11.0455

### Protanopia

38.7148, 42.6436, 9.4394

### Deuteranopia

43.6552, 42.6201, 11.7200



## Tritanopia

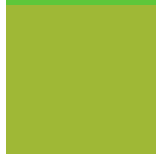
35.9867, 43.3998, 61.7386

# Trichromacy



## Original Color

25.8032, 43.5320, 11.0455



## Protanomaly

32.1044, 41.9182, 9.8890



## Deuteranomaly

34.1373, 41.1184, 11.2917



## Tritanomaly

30.6112, 42.8110, 35.0837

# Monochromacy



## Original Color

25.8032, 43.5320, 11.0455



## Achromatopsia

29.8446, 31.3989, 34.1934



## Achromatomaly

26.8181, 34.5092, 22.3870

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 25.8032, 43.5320, 11.0455 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(94, 199, 58)` looks like.

```
.text, #text, p{  
    color:rgb(94, 199, 58)  
}
```

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(94, 199, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 199, 58) }
```

## Border

The CSS property to change the border of an element to XYZ 25.8032, 43.5320, 11.0455 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(94, 199, 58) }
```



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

```
.border{ border-color:rgb(94, 199, 58) }
```

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

Here you see how a box with a 4 pixel rgb(94, 199, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 199, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 199, 58);  
box-shadow:4px 4px 4px 4px rgb(94, 199,  
58) }
```

# Background

The CSS property to change the background color of an element to XYZ 25.8032, 43.5320, 11.0455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 199, 58) }
```

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

```
.background{ background-color: rgb(94, 199,  
58) }
```

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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