

Converting Colors

XYZ(25.8465, 43.3922, 18.3938)

Have a look what the booklet for
XYZ(25.8465, 43.3922, 18.3938)
contains.

XYZ(25.8055, 43.3722, 18.3208)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.8055, 43.3722,
18.3208)**

Conversions

Conversions Part 1

Format	Color
Hex	4FC761
RGB	79, 199, 97
RGB Percent	31%, 78%, 38%
CMY	0.6902, 0.2196, 0.6196
CMYK	0.60, 0.00, 0.51, 0.22
HSL	129°, 52%, 55%
HSV	129°, 60%, 78%
XYZ	25.8055, 43.3722, 18.3208
YIQ	151.4920, -38.7780, -57.1620

Conversions

Conversions Part 2

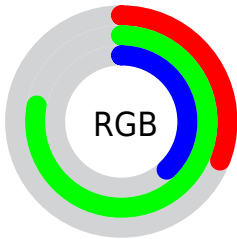
Format	Color
RYB	79, 183, 199
Decimal	5228385
CIELab	71.81, -54.71, 40.98
CIELCh	72, 68.358, 143.169
Yxy	43.3722, 0.2949, 0.4957
Android (android.graphics.Color)	4283418465 (0xFF4FC761)
YUV	151.4920, -26.8646, -63.5755
Hunter-Lab	65.8576, -45.3077, 29.6065

Details

The XYZ color **25.8055, 43.3722, 18.3208** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **34.6908, 21.0709, 45.9555**, and the grayscale version is **29.7509, 31.3003, 34.0860**.

A 20% lighter version of the original color is **51.9125, 79.2110, 41.4073**, and **10.4863, 20.1518, 6.0263** is the 20% darker color. If you saturate the color by 10%, you get **23.6851, 42.3619, 14.5347**, and if you desaturate by 10%, it is **28.5916, 44.7087, 23.0177**.

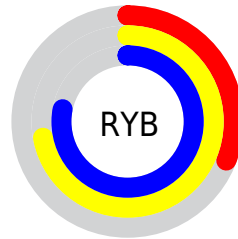
Distribution



Red (31%)

Green (78%)

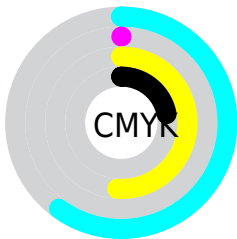
Blue (38%)



Red (31%)

Yellow (72%)

Blue (78%)

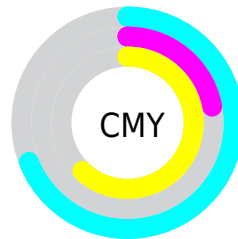


Cyan (60%)

Magenta (0%)

Yellow (51%)

Black (22%)



Cyan (69%)


Magenta (22%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.8055, 43.3722, 18.3208 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 25.8055, 43.3722, 18.3208 by changing the saturation by 10% instead.


 25.8055, 43.3722,
18.3208


 25.8055, 43.3722,
18.3208


274.1002,
360.1402, 254.9696


 16.8101, 30.1773,
11.0087


 52.3945, 80.2722,
41.4045


 10.1937, 19.9732,
5.9585


 70.7189, 104.7461,
58.0132

 5.5908, 12.3755,
2.7515


 92.8836, 133.7484,
78.5579

 2.6362, 7.0000,
0.9692

 119.2541,
167.6635, 103.4571

 0.9644, 3.4621,
0.0000

150.1956,
206.8759, 133.1293

 0.0000, 1.3775,
0.0000

186.0736,

 0.0000, 0.2000,

251.7698, 167.9931

0.0000

227.2533,
302.7298, 208.4670

■ 0.0000, 0.0000,
0.0000

■ 25.8055, 43.3722,
18.3208

■ 25.8055, 43.3722,
18.3208

■ 23.6851, 42.3619,
14.5347

■ 28.5916, 44.7087,
23.0177

■ 22.1706, 41.6447,
11.5977

■ 32.0902, 46.3906,
28.6763

■ 21.1970, 41.1894,
9.4446

■ 36.3473, 48.4420,
35.3469

■ 20.6568, 40.9416,
8.0323

■ 41.4044, 50.8832,
43.0758

■ 47.2998, 53.7331,
51.9061

■ 54.0693, 57.0092,
61.8787

■ 61.7467, 60.7281,
73.0324

■ 70.3639, 64.9055,
85.4040

■ 78.8003, 68.9630,
98.9752

Harmonies

Analogous

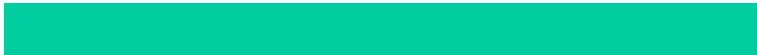
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



33.0453, 43.3722, 9.4491



25.8055, 43.3722, 18.3208



22.7853, 43.3722, 40.0180

Triad

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



25.8055, 43.3722, 18.3208



38.6241, 43.3722, 143.4729



65.3575, 43.3722, 26.2623

Complementary

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



25.8055, 43.3722, 18.3208



34.6908, 21.0709, 45.9555

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.



67.6170, 43.3722, 55.2490



25.8055, 43.3722, 18.3208



50.6517, 43.3722, 133.8270

Square

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



25.8055, 43.3722, 18.3208



29.2316, 43.3722, 119.1622



61.8116, 43.3722, 96.8879



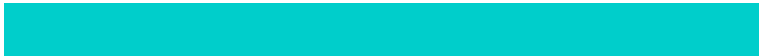
56.1157, 43.3722, 12.2981

Rectangle

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



25.8055, 43.3722, 18.3208



23.0754, 43.3722, 63.3502



61.8116, 43.3722, 96.8879



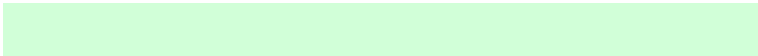
67.0222, 43.3722, 34.0983

Sweetspot

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



25.8066, 43.3740, 18.3218



74.4756, 90.0470, 78.4116



40.8924, 51.2373, 15.1317



15.3304, 18.9788, 15.8611



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.



25.8066, 43.3740, 18.3218



40.6374, 73.7745, 23.8881



29.7348, 44.9453, 39.0076



10.5612, 11.9134, 11.6397



13.3027, 26.3334, 5.2724



0.6512, 1.2554, 0.3618

Inverse Universe

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



34.6908, 21.0709, 45.9555



57.4471, 31.3889, 76.0352



29.8015, 19.1152, 20.2085



11.0121, 10.7882, 13.0468



19.7848, 9.6635, 25.1405



0.9559, 0.4652, 1.2909

Previews

White Background



This preview shows how the XYZ color 25.8055, 43.3722, 18.3208 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 25.8055, 43.3722, 18.3208 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 25.8055, 43.3722, 18.3208

Background



This preview shows how black text looks on a background with the XYZ color 25.8055, 43.3722, 18.3208.



This preview shows how white text looks on a background with the XYZ color 25.8055, 43.3722,

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

25.8055, 43.3722, 18.3208

Protanopia

39.1255, 42.7187, 15.6346

Deuteranopia

43.5199, 42.6544, 19.3040



Tritanopia

34.6132, 42.9782, 62.9712

Trichromacy



Original Color

25.8055, 43.3722, 18.3208



Protanomaly

32.0212, 41.7291, 16.4920



Deuteranomaly

33.8282, 41.0920, 18.7190



Tritanomaly

30.2614, 42.4833, 41.7271

Monochromacy



Original Color

25.8055, 43.3722, 18.3208



Achromatopsia

29.4150, 30.9469, 33.7012



Achromatomaly

26.5568, 34.0039, 26.6365

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8055, 43.3722, 18.3208 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(79, 199, 97)` looks like.

```
.text, #text, p{  
    color:rgb(79, 199, 97)  
}
```

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(79, 199, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 199, 97) }
```

Border

The CSS property to change the border of an element to XYZ 25.8055, 43.3722, 18.3208 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(79, 199, 97) }
```


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

```
.border{ border-color:rgb(79, 199, 97) }
```

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

Here you see how a box with a 4 pixel rgb(79, 199, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 199, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 199, 97);  
box-shadow:4px 4px 4px 4px rgb(79, 199,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8055, 43.3722, 18.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 199, 97) }
```

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

```
.background{ background-color: rgb(79, 199,  
97) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor