

Converting Colors

XYZ(25.7851, 43.5342, 16.4411)

Have a look what the booklet for
XYZ(25.7851, 43.5342, 16.4411)
contains.

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Color

**XYZ(25.7063, 43.3620,
16.4660)**

Conversions

Conversions Part 1

Format	Color
Hex	52C759
RGB	82, 199, 89
RGB Percent	32%, 78%, 35%
CMY	0.6784, 0.2196, 0.6510
CMYK	0.59, 0.00, 0.55, 0.22
HSL	124°, 51%, 55%
HSV	124°, 59%, 78%
XYZ	25.7063, 43.3620, 16.4660
YIQ	151.4770, -34.4220, -59.0140

Conversions

Conversions Part 2

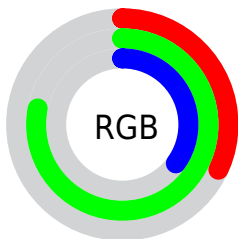
Format	Color
RYB	82, 192, 199
Decimal	5424985
CIELab	71.80, -55.10, 44.82
CIELCh	72, 71.030, 140.871
Yxy	43.3620, 0.3005, 0.5070
Android (android.graphics.Color)	4283615065 (0xFF52C759)
YUV	151.4770, -30.8012, -60.9313
Hunter-Lab	65.8498, -45.5548, 31.2692

Details

The XYZ color **25.7063, 43.3620, 16.4660** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **36.0862, 21.9832, 52.2115**, and the grayscale version is **29.7596, 31.3095, 34.0960**.

A 20% lighter version of the original color is **51.7978, 79.2238, 38.1529**, and **10.3072, 20.0801, 5.0829** is the 20% darker color. If you saturate the color by 10%, you get **23.5320, 42.3219, 12.7717**, and if you desaturate by 10%, it is **28.5841, 44.7442, 21.2372**.

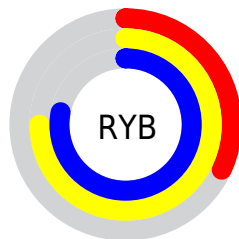
Distribution



Red (32%)

Green (78%)

Blue (35%)



Red (32%)

Yellow (75%)

Blue (78%)

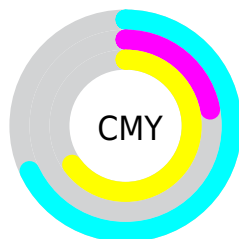


Cyan (59%)

Magenta (0%)

Yellow (55%)

Black (22%)



Cyan (68%)

Magenta (22%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7063, 43.3620, 16.4660 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 25.7063, 43.3620, 16.4660 by changing the saturation by 10% instead.

■ 25.7063, 43.3620,
16.4660

■ 25.7063, 43.3620,
16.4660

273.6206,
360.0984, 244.0149

■ 16.7356, 30.1692,
9.6966

■ 52.2354, 80.2568,
38.1833

■ 10.1403, 19.9671,
5.0953

■ 70.5246, 104.7277,
53.9683

■ 5.5550, 12.3711,
2.2436

■ 92.6505, 133.7268,
73.5956

■ 2.6145, 6.9970,
0.6993

■ 118.9787,
167.6384, 97.4836

■ 0.9534, 3.4602,
0.0000

149.8745,
206.8470, 126.0511

■ 0.0000, 1.3764,
0.0000

185.7031,

■ 0.0000, 0.1993,

251.7369, 159.7164

0.0000

226.8300,
302.6926, 198.8981

■ 0.0000, 0.0000,
0.0000

■ 25.7063, 43.3620,
16.4660

■ 25.7063, 43.3620,
16.4660

■ 23.5320, 42.3219,
12.7717

■ 28.5841, 44.7442,
21.2372

■ 21.9979, 41.5893,
10.0680

■ 32.2155, 46.4890,
27.1570

■ 21.0346, 41.1317,
8.2602

■ 36.6496, 48.6215,
34.2944

■ 20.5347, 40.8962,
7.2328

■ 41.9304, 51.1630,
42.7121

■ 20.4901, 40.8749,
7.1546

■ 48.0990, 54.1335,
52.4684

■ 55.1934, 57.5514,
63.6181

■ 63.2498, 61.4341,
76.2130

■ 72.3021, 65.7983,
90.3022

■ 79.7143, 69.3286,
103.7881

Harmonies

Analogous

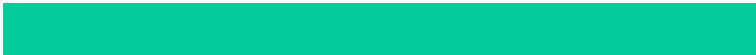
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



33.4871, 43.3620, 8.3614



25.7063, 43.3620, 16.4660



22.2856, 43.3620, 37.4350

Triad

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



25.7063, 43.3620, 16.4660



37.6411, 43.3620, 147.9271



66.9227, 43.3620, 27.2736

Complementary

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



25.7063, 43.3620, 16.4660



36.0862, 21.9832, 52.2115

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.



68.6347, 43.3620, 58.5626



25.7063, 43.3620, 16.4660



50.0471, 43.3620, 140.5192

Square

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



25.7063, 43.3620, 16.4660



28.2357, 43.3620, 119.8118



61.9642, 43.3620, 102.7999



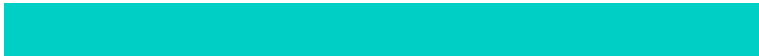
57.6620, 43.3620, 12.1470

Rectangle

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



25.7063, 43.3620, 16.4660



22.3670, 43.3620, 60.8905



61.9642, 43.3620, 102.7999



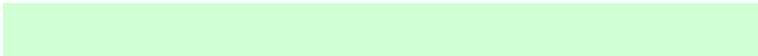
68.4627, 43.3620, 35.7557

Sweetspot

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



25.7074, 43.3638, 16.4670



73.9472, 89.8356, 75.6287



43.9789, 52.8155, 15.8593



15.2043, 18.9284, 15.1972



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.



25.7074, 43.3638, 16.4670



40.2113, 73.6263, 20.6415



29.1198, 44.7288, 34.4369



10.5228, 11.8980, 11.4372



13.1862, 26.2869, 4.6593



0.6335, 1.2484, 0.2689

Inverse Universe

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



36.0862, 21.9832, 52.2115



60.0397, 32.6926, 88.8653



30.9203, 19.9169, 25.0082



11.0546, 10.8052, 13.2710



20.9309, 10.1219, 31.1755



0.9996, 0.4827, 1.5211

Previews

White Background



This preview shows how the XYZ color 25.7063, 43.3620, 16.4660 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 25.7063, 43.3620, 16.4660 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 25.7063, 43.3620, 16.4660

Background



This preview shows how black text looks on a background with the XYZ color 25.7063, 43.3620, 16.4660.



This preview shows how white text looks on a background with the XYZ color 25.7063, 43.3620,

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

25.7063, 43.3620, 16.4660

Protanopia

39.0633, 42.7234, 13.9722

Deuteranopia

43.4639, 42.6654, 17.4997



Tritanopia

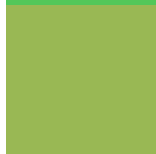
34.8614, 43.1199, 62.3627

Trichromacy



Original Color

25.7063, 43.3620, 16.4660



Protanomaly

31.8776, 41.6934, 14.7550



Deuteranomaly

33.7027, 41.0658, 16.9766



Tritanomaly

30.3194, 42.5441, 40.3321

Monochromacy



Original Color

25.7063, 43.3620, 16.4660



Achromatopsia

29.4150, 30.9469, 33.7012



Achromatomaly

26.5031, 33.9994, 25.5878

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7063, 43.3620, 16.4660 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, 199, 89)` looks like.

```
.text, #text, p{  
    color:rgb(82, 199, 89)  
}
```

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, 199, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 199, 89) }
```

Border

The CSS property to change the border of an element to XYZ 25.7063, 43.3620, 16.4660 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, 199, 89) }
```


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

```
.border{ border-color:rgb(82, 199, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 199, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 199, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 199, 89);  
box-shadow:4px 4px 4px 4px rgb(82, 199,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7063, 43.3620, 16.4660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 199, 89) }
```

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

```
.background{ background-color: rgb(82, 199,  
89) }
```

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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