

Converting Colors

XYZ(25.5255, 43.4935, 15.7843)

Have a look what the booklet for
XYZ(25.5255, 43.4935, 15.7843)
contains.

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Color

**XYZ(25.6423, 43.6859,
15.8848)**

Conversions

Conversions Part 1

Format	Color
Hex	50C856
RGB	80, 200, 86
RGB Percent	31%, 78%, 34%
CMY	0.6863, 0.2157, 0.6627
CMYK	0.60, 0.00, 0.57, 0.22
HSL	123°, 52%, 55%
HSV	123°, 60%, 78%
XYZ	25.6423, 43.6859, 15.8848
YIQ	151.1240, -34.9260, -60.8940

Conversions

Conversions Part 2

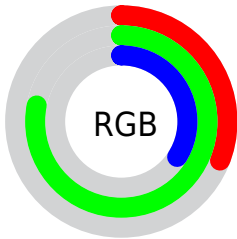
Format	Color
RYB	80, 194, 200
Decimal	5294166
CIELab	72.02, -56.31, 46.47
CIELCh	72, 73.007, 140.468
Yxy	43.6859, 0.3009, 0.5127
Android (android.graphics.Color)	4283484246 (0xFF50C856)
YUV	151.1240, -32.1061, -62.3757
Hunter-Lab	66.0953, -46.4160, 32.0174

Details

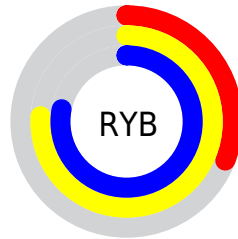
The XYZ color **25.6423, 43.6859, 15.8848** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **36.4270, 21.9126, 53.3498**, and the grayscale version is **29.6135, 31.1557, 33.9285**.

A 20% lighter version of the original color is **51.2354, 78.9595, 36.9664**, and **10.3999, 20.3606, 4.8207** is the 20% darker color. If you saturate the color by 10%, you get **23.5319, 42.6762, 12.3077**, and if you desaturate by 10%, it is **28.4608, 45.0397, 20.5589**.

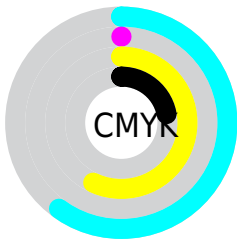
Distribution



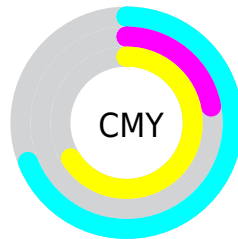
- Red (31%)
- Green (78%)
- Blue (34%)



- Red (31%)
- Yellow (76%)
- Blue (78%)



- Cyan (60%)
- Magenta (0%)
- Yellow (57%)
- Black (22%)



- Cyan (69%)
- Magenta (22%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6423, 43.6859, 15.8848 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 25.6423, 43.6859, 15.8848 by changing the saturation by 10% instead.

■ 25.6423, 43.6859,
15.8848

■ 25.6423, 43.6859,
15.8848

273.3107,
361.4250, 240.4834

■ 16.6875, 30.4237,
9.2892

■ 52.1327, 80.7449,
37.1621

■ 10.1059, 20.1604,
4.8309

■ 70.3991, 105.3104,
52.6809

■ 5.5320, 12.5117,
2.0914

■ 92.5001, 134.4125,
72.0111

■ 2.6006, 7.0932,
0.6106

■ 118.8009,
168.4355, 95.5714

■ 0.9463, 3.5204,
0.0000

149.6671,
207.7639, 123.7802

■ 0.0000, 1.4091,
0.0000

185.4638,

■ 0.0000, 0.2234,

252.7820, 157.0562

0.0000

226.5566,
303.8742, 195.8177

■ 0.0000, 0.0000,
0.0000

■ 25.6423, 43.6859,
15.8848

■ 25.6423, 43.6859,
15.8848

■ 23.5319, 42.6762,
12.3077

■ 28.4608, 45.0397,
20.5589

■ 22.0638, 41.9748,
9.7357

■ 32.0395, 46.7588,
26.4066

■ 21.1654, 41.5477,
8.0666

■ 36.4290, 48.8692,
33.5007

■ 20.7099, 41.3322,
7.1736

■ 41.6748, 51.3929,
41.9074

■ 20.7099, 41.3322,
7.1736

■ 47.8192, 54.3503,
51.6884

■ 54.9013, 57.7604,
62.9012

■ 62.9583, 61.6412,
75.6002

■ 72.0250, 66.0096,
89.8370

■ 79.9451, 69.7902,
103.8650

Harmonies

Analogous

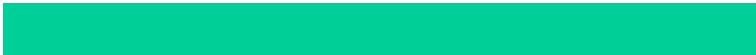
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



33.6912, 43.6859, 7.8832



25.6423, 43.6859, 15.8848



22.0848, 43.6859, 37.0802

Triad

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



25.6423, 43.6859, 15.8848



37.6779, 43.6859, 152.4705



68.2716, 43.6859, 27.3721

Complementary

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



25.6423, 43.6859, 15.8848



36.4270, 21.9126, 53.3498

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.



69.9321, 43.6859, 59.8641



25.6423, 43.6859, 15.8848



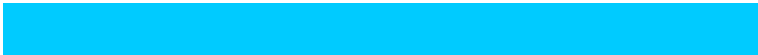
50.4813, 43.6859, 145.2261

Square

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



25.6423, 43.6859, 15.8848



28.0572, 43.6859, 122.5913



62.8900, 43.6859, 106.0089



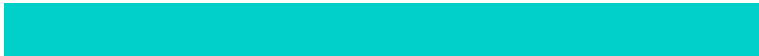
58.7247, 43.6859, 11.8346

Rectangle

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



25.6423, 43.6859, 15.8848



22.1295, 43.6859, 61.1620



62.8900, 43.6859, 106.0089



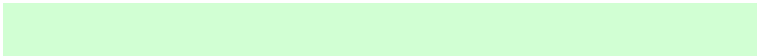
69.8358, 43.6859, 36.1516

Sweetspot

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



25.6434, 43.6877, 15.8858



73.8903, 89.8129, 75.3295



44.3522, 53.3593, 15.5515



15.1908, 18.9230, 15.1260



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.



25.6434, 43.6877, 15.8858



39.8575, 73.4626, 19.7817



29.1520, 45.0912, 34.3622



10.5186, 11.8963, 11.4152



13.1774, 26.2834, 4.6131



0.6316, 1.2476, 0.2588

Inverse Universe

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



36.4270, 21.9126, 53.3498



60.1254, 32.4602, 90.1388



30.9924, 19.7387, 24.7317



11.0593, 10.8071, 13.2956



21.0648, 10.1755, 31.8810



1.0046, 0.4847, 1.5475

Previews

White Background



This preview shows how the XYZ color 25.6423, 43.6859, 15.8848 looks on a white background.

Color Contrast Check

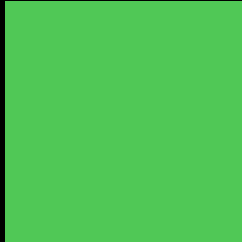
Large Text (above 18pt) WCAG AA × Fail

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 25.6423, 43.6859, 15.8848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

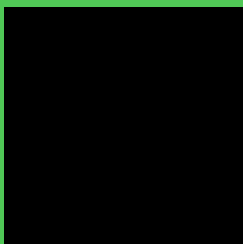
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

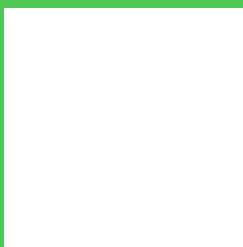
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.6423, 43.6859, 15.8848

Background



This preview shows how black text looks on a background with the XYZ color 25.6423, 43.6859, 15.8848.



This preview shows how white text looks on a background with the XYZ color 25.6423, 43.6859,

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

25.6423, 43.6859, 15.8848

Protanopia

39.2108, 42.8121, 13.4047

Deuteranopia

43.6158, 42.7598, 16.7811



Tritanopia

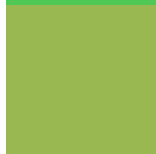
35.0694, 43.5294, 63.0536

Trichromacy



Original Color

25.6423, 43.6859, 15.8848



Protanomaly

31.7626, 41.6474, 14.1493



Deuteranomaly

33.5689, 41.0122, 16.2721



Tritanomaly

30.2318, 42.8340, 39.9321

Monochromacy



Original Color

25.6423, 43.6859, 15.8848



Achromatopsia

29.4150, 30.9469, 33.7012



Achromatomaly

26.4762, 34.2682, 25.2977

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6423, 43.6859, 15.8848 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(80, 200, 86)` looks like.

```
.text, #text, p{  
    color:rgb(80, 200, 86)  
}
```

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(80, 200, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 200, 86) }
```

Border

The CSS property to change the border of an element to XYZ 25.6423, 43.6859, 15.8848 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(80, 200, 86) }
```


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

```
.border{ border-color:rgb(80, 200, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 200, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 200, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 200, 86);  
box-shadow:4px 4px 4px 4px rgb(80, 200,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6423, 43.6859, 15.8848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 200, 86) }
```

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

```
.background{ background-color: rgb(80, 200,  
86) }
```

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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