

Converting Colors

XYZ(25.4647, 43.5879, 16.2377)

Have a look what the booklet for
XYZ(25.4647, 43.5879, 16.2377)
contains.

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Color

**XYZ(25.4763, 43.5909,
16.3037)**

Conversions

Conversions Part 1

Format	Color
Hex	4DC858
RGB	77, 200, 88
RGB Percent	30%, 78%, 35%
CMY	0.6980, 0.2157, 0.6549
CMYK	0.62, 0.00, 0.56, 0.22
HSL	125°, 53%, 54%
HSV	125°, 62%, 78%
XYZ	25.4763, 43.5909, 16.3037
YIQ	150.4550, -37.3560, -60.9080

Conversions

Conversions Part 2

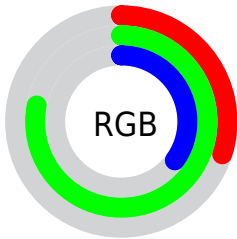
Format	Color
RYB	77, 190, 200
Decimal	5097560
CIELab	71.95, -56.73, 45.44
CIELCh	72, 72.688, 141.306
Yxy	43.5909, 0.2984, 0.5106
Android (android.graphics.Color)	4283287640 (0xFF4DC858)
YUV	150.4550, -30.7903, -64.4200
Hunter-Lab	66.0234, -46.6636, 31.5754

Details

The XYZ color **25.4763, 43.5909, 16.3037** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **35.6598, 21.2619, 50.3693**, and the grayscale version is **29.3222, 30.8492, 33.5948**.

A 20% lighter version of the original color is **51.0490, 78.8464, 37.7276**, and **10.4438, 20.3782, 5.0520** is the 20% darker color. If you saturate the color by 10%, you get **23.4414, 42.6197, 12.7509**, and if you desaturate by 10%, it is **28.1977, 44.8968, 20.8741**.

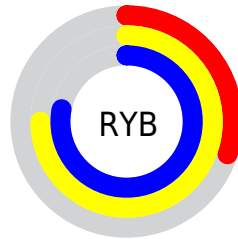
Distribution



Red (30%)

Green (78%)

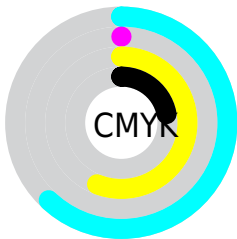
Blue (35%)



Red (30%)

Yellow (75%)

Blue (78%)

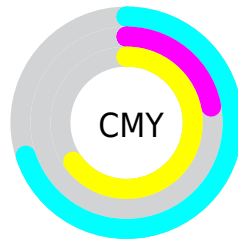


Cyan (62%)

Magenta (0%)

Yellow (56%)

Black (22%)



Cyan (70%)

Magenta (22%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4763, 43.5909, 16.3037 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 25.4763, 43.5909, 16.3037 by changing the saturation by 10% instead.

■ 25.4763, 43.5909,
16.3037

■ 25.4763, 43.5909,
16.3037

272.5058,
361.0362, 243.0338

■ 16.5629, 30.3490,
9.5826

■ 51.8662, 80.6018,
37.8987

■ 10.0167, 20.1037,
5.0212

■ 70.0734, 105.1396,
53.6098

■ 5.4724, 12.4704,
2.2007

■ 92.1093, 134.2115,
73.1546

■ 2.5646, 7.0649,
0.6748

■ 118.3392,
168.2019, 96.9517

■ 0.9279, 3.5027,
0.0000

149.1284,
207.4952, 125.4196

■ 0.0000, 1.3995,
0.0000

184.8424,

■ 0.0000, 0.2163,

252.4757, 158.9769

0.0000

225.8464,
303.5279, 198.0421

■ 0.0000, 0.0000,
0.0000

■ 25.4763, 43.5909,
16.3037

■ 25.4763, 43.5909,
16.3037

■ 23.4414, 42.6197,
12.7509

■ 28.1977, 44.8968,
20.8741

■ 22.0285, 41.9477,
10.1352

■ 31.6566, 46.5583,
26.5285

■ 21.1660, 41.5413,
8.3688

■ 35.9025, 48.6010,
33.3315

■ 20.7634, 41.3536,
7.4553

■ 40.9799, 51.0465,
41.3414

■ 46.9300, 53.9148,
50.6129

■ 53.7911, 57.2247,
61.1970

■ 61.5994, 60.9937,
73.1421

■ 70.3889, 65.2384,
86.4942

■ 79.4509, 69.5926,
101.2623

Harmonies

Analogous

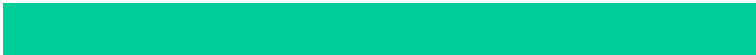
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



33.3621, 43.5909, 8.0455



25.4763, 43.5909, 16.3037



22.0572, 43.5909, 37.8756

Triad

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



25.4763, 43.5909, 16.3037



37.9328, 43.5909, 151.9454



67.8364, 43.5909, 26.7327

Complementary

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



25.4763, 43.5909, 16.3037



35.6598, 21.2619, 50.3693

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.



69.7361, 43.5909, 58.5457



25.4763, 43.5909, 16.3037



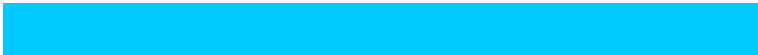
50.7080, 43.5909, 143.6717

Square

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



25.4763, 43.5909, 16.3037



28.2478, 43.5909, 123.1461



62.9542, 43.5909, 104.1941



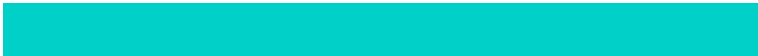
58.1874, 43.5909, 11.6372

Rectangle

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



25.4763, 43.5909, 16.3037



22.1813, 43.5909, 62.1399



62.9542, 43.5909, 104.1941



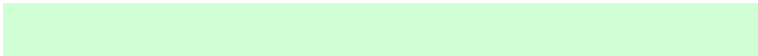
69.4696, 43.5909, 35.3009

Sweetspot

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



25.4774, 43.5927, 16.3047



74.1192, 89.9044, 76.5345



43.1684, 52.7615, 14.9301



15.2452, 18.9448, 15.4129



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.



25.4774, 43.5927, 16.3047



39.5953, 73.3160, 20.2844



29.1208, 45.0501, 35.4910



10.5354, 11.9030, 11.5034



13.2161, 26.2988, 4.8167



0.6393, 1.2507, 0.2994

Inverse Universe

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



35.6598, 21.2619, 50.3693



58.6562, 31.3717, 83.9461



30.3872, 19.1529, 22.6045



11.0406, 10.7996, 13.1971



20.5383, 9.9649, 29.1084



0.9848, 0.4768, 1.4430

Previews

White Background



This preview shows how the XYZ color 25.4763, 43.5909, 16.3037 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 25.4763, 43.5909, 16.3037 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 25.4763, 43.5909, 16.3037

Background



This preview shows how black text looks on a background with the XYZ color 25.4763, 43.5909, 16.3037.

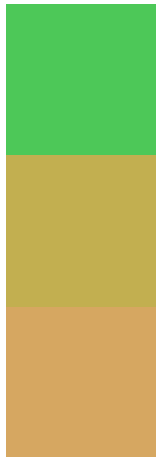


This preview shows how white text looks on a background with the XYZ color 25.4763, 43.5909,

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

25.4763, 43.5909, 16.3037

Protanopia

39.0261, 42.7085, 13.7761

Deuteranopia

43.7079, 42.7966, 17.2662



Tritanopia

34.8261, 43.4040, 63.0422

Trichromacy



Original Color

25.4763, 43.5909, 16.3037



Protanomaly

31.4643, 41.4848, 14.5326



Deuteranomaly

33.4503, 40.9409, 16.7290



Tritanomaly

30.1065, 42.7593, 40.3848

Monochromacy



Original Color

25.4763, 43.5909, 16.3037



Achromatopsia

28.9890, 30.4987, 33.2131



Achromatomaly

26.0018, 33.7485, 25.2224

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4763, 43.5909, 16.3037 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(77, 200, 88)` looks like.

```
.text, #text, p{  
    color:rgb(77, 200, 88)  
}
```

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(77, 200, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 200, 88) }
```

Border

The CSS property to change the border of an element to XYZ 25.4763, 43.5909, 16.3037 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(77, 200, 88) }
```


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

```
.border{ border-color:rgb(77, 200, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 200, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 200, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 200, 88);  
box-shadow:4px 4px 4px 4px rgb(77, 200,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4763, 43.5909, 16.3037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 200, 88) }
```

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

```
.background{ background-color: rgb(77, 200,  
88) }
```

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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