

Converting Colors

XYZ(28.5261, 48.1972, 25.5806)

Have a look what the booklet for
XYZ(28.5261, 48.1972, 25.5806)
contains.

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Color

**XYZ(28.5054, 48.1503,
25.5608)**

Conversions

Conversions Part 1

Format	Color
Hex	43D178
RGB	67, 209, 120
RGB Percent	26%, 82%, 47%
CMY	0.7372, 0.1804, 0.5294
CMYK	0.68, 0.00, 0.43, 0.18
HSL	142°, 61%, 54%
HSV	142°, 68%, 82%
XYZ	28.5054, 48.1503, 25.5608
YIQ	156.3960, -56.0630, -57.7830

Conversions

Conversions Part 2

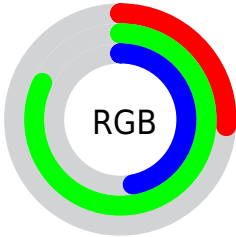
Format	Color
RYB	67, 170, 209
Decimal	4444536
CIELab	74.92, -57.21, 33.38
CIELCh	75, 66.239, 149.738
Yxy	48.1503, 0.2789, 0.4711
Android (android.graphics.Color)	4282634616 (0xFF43D178)
YUV	156.3960, -17.9432, -78.4003
Hunter-Lab	69.3904, -48.1059, 26.7331

Details

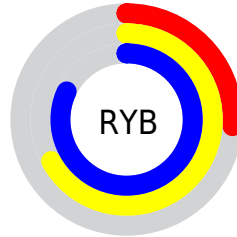
The XYZ color **28.5054, 48.1503, 25.5608** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **34.3040, 19.9710, 33.5012**, and the grayscale version is **31.8738, 33.5337, 36.5182**.

A 20% lighter version of the original color is **52.6629, 79.3624, 52.0780**, and **12.4967, 23.2247, 9.6185** is the 20% darker color. If you saturate the color by 10%, you get **26.5814, 47.2455, 21.6014**, and if you desaturate by 10%, it is **31.0574, 49.3690, 30.1195**.

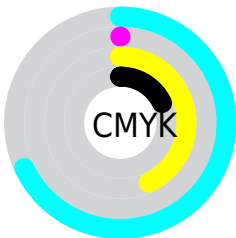
Distribution



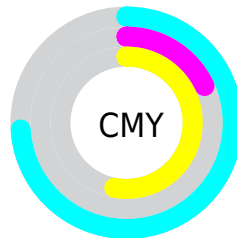
- Red (26%)
- Green (82%)
- Blue (47%)



- Red (26%)
- Yellow (67%)
- Blue (82%)



- Cyan (68%)
- Magenta (0%)
- Yellow (43%)
- Black (18%)



- Cyan (74%)
- Magenta (18%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5054, 48.1503, 25.5608 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 28.5054, 48.1503, 25.5608 by changing the saturation by 10% instead.

■ 28.5054, 48.1503,
25.5608

■ 28.5054, 48.1503,
25.5608

286.9106,
379.3876, 294.1559

■ 18.8494, 33.9459,
16.2725

■ 56.6934, 87.4281,
53.5409

■ 11.6649, 22.8521,
9.5608

■ 75.9560, 113.2704,
73.0699

■ 6.5865, 14.4843,
5.0070

■ 99.1516, 143.7608,
96.8494

■ 3.2489, 8.4583,
2.1925

■ 126.6454,
179.2836, 125.2982

■ 1.2867, 4.3896,
0.6701

■ 158.8029,
220.2233, 158.8347

■ 0.1732, 1.8938,
0.0000

195.9893,

■ 0.0000, 0.5446,

266.9642, 197.8775

0.0000

238.5701,
319.8909, 242.8450

■ 0.0000, 0.0000,
0.0000

■ 28.5054, 48.1503,
25.5608

■ 28.5054, 48.1503,
25.5608

■ 26.5814, 47.2455,
21.6014

■ 31.0574, 49.3690,
30.1195

■ 25.2188, 46.6166,
18.2121

■ 34.2879, 50.9231,
35.2984

■ 24.3293, 46.2201,
15.3655

■ 38.2462, 52.8389,
41.1213

■ 24.1768, 46.1529,
14.8432

■ 42.9755, 55.1383,
47.6096

■ 48.5161, 57.8414,
54.7840

■ 54.9048, 60.9672,
62.6639

■ 62.1765, 64.5330,
71.2682

■ 70.3640, 68.5554,
80.6149

■ 79.4592, 73.0299,
90.7196

Harmonies

Analogous

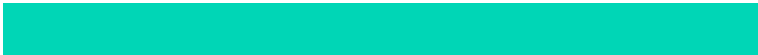
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



35.1924, 48.1503, 13.3037



28.5054, 48.1503, 25.5608



26.2609, 48.1503, 52.1247

Triad

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



28.5054, 48.1503, 25.5608



45.6596, 48.1503, 150.9248



69.0170, 48.1503, 25.8877

Complementary

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



28.5054, 48.1503, 25.5608



34.3040, 19.9710, 33.5012

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.



73.1144, 48.1503, 52.7315



28.5054, 48.1503, 25.5608



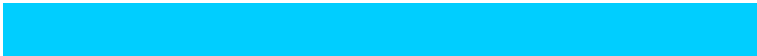
58.2686, 48.1503, 133.8973

Square

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



28.5054, 48.1503, 25.5608



35.0386, 48.1503, 133.3312



68.8778, 48.1503, 93.5583



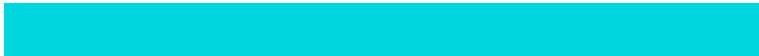
58.4844, 48.1503, 13.4256

Rectangle

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



28.5054, 48.1503, 25.5608



27.2136, 48.1503, 78.2284



68.8778, 48.1503, 93.5583



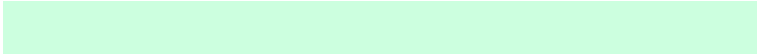
71.2671, 48.1503, 33.0328

Sweetspot

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



28.5066, 48.1523, 25.5619



73.9858, 89.6870, 83.2485



37.7069, 53.1698, 13.5861



15.2971, 18.9337, 17.1254



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.



28.5066, 48.1523, 25.5619



40.5167, 73.5523, 31.1115



34.4183, 50.5169, 56.6922



11.8362, 13.2782, 13.4937



14.9501, 28.4730, 9.3835



0.8739, 1.6072, 0.7247

Inverse Universe

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



34.3040, 19.9710, 33.5012



50.1446, 26.3788, 44.0212



29.9800, 18.2414, 10.7315



12.1159, 11.9311, 13.8860



18.7872, 9.3877, 14.3175



1.0882, 0.5400, 0.9993

Previews

White Background



This preview shows how the XYZ color 28.5054, 48.1503, 25.5608 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 28.5054, 48.1503, 25.5608 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 28.5054, 48.1503, 25.5608

Background



This preview shows how black text looks on a background with the XYZ color 28.5054, 48.1503, 25.5608.



This preview shows how white text looks on a background with the XYZ color 28.5054, 48.1503,

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

28.5054, 48.1503, 25.5608

Protanopia

43.5674, 47.2721, 21.5800

Deuteranopia

48.1397, 47.1239, 26.9807



Tritanopia

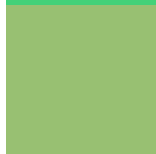
37.4773, 47.8959, 70.8879

Trichromacy



Original Color

28.5054, 48.1503, 25.5608



Protanomaly

34.8358, 45.5896, 22.8832



Deuteranomaly

36.5763, 44.8078, 26.1230



Tritanomaly

33.2892, 47.5626, 50.6060

Monochromacy



Original Color

28.5054, 48.1503, 25.5608



Achromatopsia

31.5995, 33.2452, 36.2040



Achromatomaly

28.6001, 36.9282, 31.6071

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5054, 48.1503, 25.5608 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(67, 209, 120)` looks like.

```
.text, #text, p{  
    color:rgb(67, 209, 120)  
}
```

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(67, 209, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 209, 120) }
```

Border

The CSS property to change the border of an element to XYZ 28.5054, 48.1503, 25.5608 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(67, 209, 120) }
```


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

```
.border{ border-color:rgb(67, 209, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 209, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(67, 209, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(67, 209, 120); box-shadow:4px 4px 4px 4px rgb(67, 209, 120) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5054, 48.1503, 25.5608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 209, 120) }
```

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

```
.background{ background-color: rgb(67, 209,  
120) }
```

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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