

Converting Colors

XYZ(25.4964, 44.2936, 13.7169)

Have a look what the booklet for
XYZ(25.4964, 44.2936, 13.7169)
contains.

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Color

**XYZ(25.4984, 44.3552,
13.6961)**

Conversions

Conversions Part 1

Format	Color
Hex	4ECA4A
RGB	78, 202, 74
RGB Percent	31%, 79%, 29%
CMY	0.6941, 0.2078, 0.7098
CMYK	0.61, 0.00, 0.63, 0.21
HSL	118°, 55%, 54%
HSV	118°, 63%, 79%
XYZ	25.4984, 44.3552, 13.6961
YIQ	150.3320, -32.8160, -66.0960

Conversions

Conversions Part 2

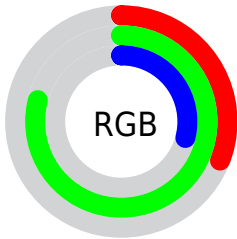
Format	Color
RYB	74, 202, 198
Decimal	5163594
CIELab	72.47, -58.84, 52.32
CIELCh	72, 78.736, 138.359
Yxy	44.3552, 0.3052, 0.5309
Android (android.graphics.Color)	4283353674 (0xFF4ECA4A)
YUV	150.3320, -37.6317, -63.4352
Hunter-Lab	66.5997, -48.2089, 34.4269

Details

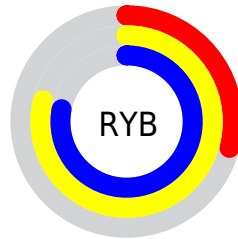
The XYZ color **25.4984, 44.3552, 13.6961** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **36.4012, 21.1695, 58.0471**, and the grayscale version is **29.2965, 30.8222, 33.5654**.

A 20% lighter version of the original color is **50.2382, 78.5413, 32.5908**, and **10.5130, 20.8991, 3.8953** is the 20% darker color. If you saturate the color by 10%, you get **23.5527, 43.4199, 10.6054**, and if you desaturate by 10%, it is **28.1417, 45.6275, 17.9616**.

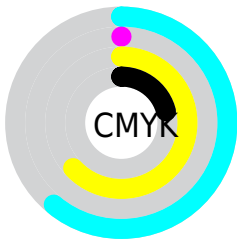
Distribution



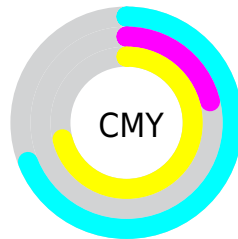
- Red (31%)
- Green (79%)
- Blue (29%)



- Red (29%)
- Yellow (79%)
- Blue (78%)



- Cyan (61%)
- Magenta (0%)
- Yellow (63%)
- Black (21%)



- Cyan (69%)
- Magenta (21%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4984, 44.3552, 13.6961 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 25.4984, 44.3552, 13.6961 by changing the saturation by 10% instead.

■ 25.4984, 44.3552,
13.6961

■ 25.4984, 44.3552,
13.6961

272.6131,
364.1558, 226.6943

■ 16.5795, 30.9499,
7.7733

■ 51.9017, 81.7520,
33.2582

■ 10.0286, 20.5607,
3.8645

■ 70.1168, 106.5122,
47.7345

■ 5.4803, 12.8032,
1.5513

■ 92.1614, 135.8261,
65.8990

■ 2.5694, 7.2932,
0.2557

■ 118.4007,
170.0782, 88.1703

■ 0.9304, 3.6461,
0.0000

■ 149.2002,
209.6528, 114.9670

■ 0.0000, 1.4777,
0.0000

184.9252,

■ 0.0000, 0.2729,

254.9344, 146.7075

0.0000

225.9410,
306.3072, 183.8104

■ 0.0000, 0.0000,
0.0000

■ 25.4984, 44.3552,
13.6961

■ 25.4984, 44.3552,
13.6961

■ 23.5527, 43.4199,
10.6054

■ 28.1417, 45.6275,
17.9616

■ 22.2359, 42.7847,
8.5699

■ 31.5367, 47.2586,
23.5004

■ 21.4710, 42.4144,
7.4497

■ 35.7358, 49.2749,
30.4038

■ 21.2004, 42.2836,
7.0442

■ 40.7859, 51.6987,
38.7540

■ 46.7302, 54.5508,
48.6270

■ 53.6091, 57.8503,
60.0929

■ 61.4605, 61.6155,
73.2181

■ 70.3201, 65.8633,
88.0646

■ 80.0914, 70.5579,
104.0055

Harmonies

Analogous

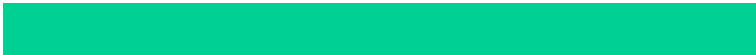
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



34.4560, 44.3552, 6.4087



25.4984, 44.3552, 13.6961



21.4043, 44.3552, 34.7215

Triad

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



25.4984, 44.3552, 13.6961



37.1054, 44.3552, 164.8279



72.1190, 44.3552, 28.3603

Complementary

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



25.4984, 44.3552, 13.6961



36.4012, 21.1695, 58.0471

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.



73.2580, 44.3552, 65.0127



25.4984, 44.3552, 13.6961



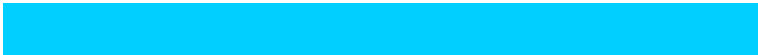
50.9305, 44.3552, 159.7386

Square

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



25.4984, 44.3552, 13.6961



27.0777, 44.3552, 128.5252



64.8415, 44.3552, 116.9862



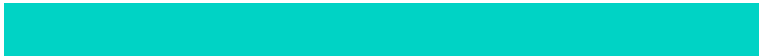
62.0004, 44.3552, 11.1911

Rectangle

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



25.4984, 44.3552, 13.6961



21.2395, 44.3552, 60.0051



64.8415, 44.3552, 116.9862



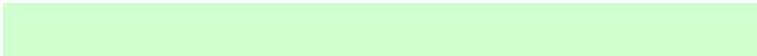
73.6340, 44.3552, 38.2175

Sweetspot

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



25.4995, 44.3571, 13.6971



72.9975, 89.4219, 72.1562



45.7284, 53.3197, 14.3609



15.0225, 18.8511, 14.4455



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.



25.4995, 44.3571, 13.6971



38.9396, 73.0612, 16.4931



28.2306, 45.4128, 29.7360



11.0999, 12.5534, 11.9175



13.6556, 27.2150, 4.5333



0.7161, 1.4100, 0.2344

Inverse Universe

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



36.4012, 21.1695, 58.0471



58.7788, 30.7096, 97.4373



31.7101, 19.4163, 27.7743



11.6516, 11.3852, 14.1538



21.4727, 10.2771, 36.8082



1.1189, 0.5359, 1.8994

Previews

White Background



This preview shows how the XYZ color 25.4984, 44.3552, 13.6961 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 25.4984, 44.3552, 13.6961 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 25.4984, 44.3552, 13.6961

Background



This preview shows how black text looks on a background with the XYZ color 25.4984, 44.3552, 13.6961.



This preview shows how white text looks on a background with the XYZ color 25.4984, 44.3552,

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

25.4984, 44.3552, 13.6961

Protanopia

39.7612, 43.7198, 11.6533

Deuteranopia

44.2181, 43.3971, 14.4334



Tritanopia

35.4034, 44.0060, 63.7548

Trichromacy



Original Color

25.4984, 44.3552, 13.6961



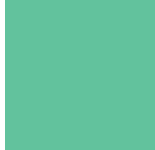
Protanomaly

31.9908, 42.4300, 12.2981



Deuteranomaly

33.4951, 41.3287, 13.8013



Tritanomaly

30.4146, 43.6146, 38.7137

Monochromacy



Original Color

25.4984, 44.3552, 13.6961



Achromatopsia

28.9890, 30.4987, 33.2131



Achromatomaly

26.0130, 34.0662, 23.6168

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4984, 44.3552, 13.6961 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(78, 202, 74)` looks like.

```
.text, #text, p{  
    color:rgb(78, 202, 74)  
}
```

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(78, 202, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 202, 74) }
```

Border

The CSS property to change the border of an element to XYZ 25.4984, 44.3552, 13.6961 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(78, 202, 74) }
```


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

```
.border{ border-color:rgb(78, 202, 74) }
```

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

Here you see how a box with a 4 pixel rgb(78, 202, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 202, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 202, 74);  
box-shadow:4px 4px 4px 4px rgb(78, 202,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4984, 44.3552, 13.6961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 202, 74) }
```

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

```
.background{ background-color: rgb(78, 202,  
74) }
```

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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