

Converting Colors

XYZ(25.8556, 42.9940, 13.1988)

Have a look what the booklet for
XYZ(25.8556, 42.9940, 13.1988)
contains.

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Color

**XYZ(25.7849, 42.7932,
13.2042)**

Conversions

Conversions Part 1

Format	Color
Hex	5EC549
RGB	94, 197, 73
RGB Percent	37%, 77%, 29%
CMY	0.6314, 0.2274, 0.7137
CMYK	0.52, 0.00, 0.63, 0.23
HSL	110°, 52%, 53%
HSV	110°, 63%, 77%
XYZ	25.7849, 42.7932, 13.2042
YIQ	152.0670, -21.5840, -60.4000

Conversions

Conversions Part 2

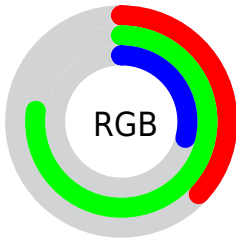
Format	Color
RYB	73, 197, 176
Decimal	6210889
CIELab	71.41, -53.11, 51.72
CIELCh	71, 74.131, 135.759
Yxy	42.7932, 0.3153, 0.5233
Android (android.graphics.Color)	4284400969 (0xFF5EC549)
YUV	152.0670, -38.9800, -50.9248
Hunter-Lab	65.4165, -44.1204, 33.8240

Details

The XYZ color **25.7849, 42.7932, 13.2042** 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 **30.3674, 18.0279, 54.7048**, and the grayscale version is **30.0446, 31.6093, 34.4225**.

A 20% lighter version of the original color is **52.1566, 79.0654, 32.2509**, and **10.1783, 19.5973, 3.6617** is the 20% darker color. If you saturate the color by 10%, you get **23.7288, 41.7984, 10.2221**, and if you desaturate by 10%, it is **28.4057, 44.0577, 17.2942**.

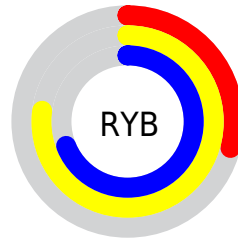
Distribution



Red (37%)

Green (77%)

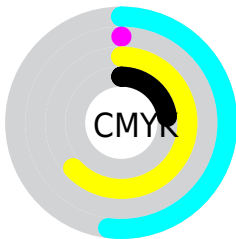
Blue (29%)



Red (29%)

Yellow (77%)

Blue (69%)

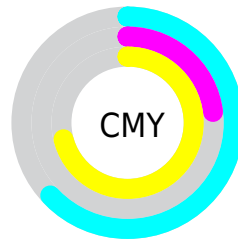


Cyan (52%)

Magenta (0%)

Yellow (63%)

Black (23%)



Cyan (63%)

Magenta (23%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7849, 42.7932, 13.2042 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 25.7849, 42.7932, 13.2042 by changing the saturation by 10% instead.

■ 25.7849, 42.7932,
13.2042

■ 25.7849, 42.7932,
13.2042

274.0007,
357.7606, 223.4758

■ 16.7946, 29.7229,
7.4369

■ 52.3615, 79.3987,
32.3667

■ 10.1826, 19.6283,
3.6543

■ 70.6786, 103.7027,
46.5990

■ 5.5834, 12.1252,
1.4377

■ 92.8352, 132.5200,
64.4901

■ 2.6317, 6.8290,
0.1708

■ 119.1969,
166.2351, 86.4585

■ 0.9621, 3.3554,
0.0000

■ 150.1290,
205.2323, 112.9227

■ 0.0000, 1.3200,
0.0000

185.9967,

■ 0.0000, 0.1566,

249.8960, 144.3013

0.0000

227.1655,
300.6106, 181.0128

■ 0.0000, 0.0000,
0.0000

■ 25.7849, 42.7932,
13.2042

■ 25.7849, 42.7932,
13.2042

■ 23.7288, 41.7984,
10.2221

■ 28.4057, 44.0577,
17.2942

■ 22.1913, 41.0482,
8.2370

■ 31.6264, 45.6044,
22.5832

■ 21.1238, 40.5214,
7.1201

■ 35.4831, 47.4511,
29.1562

■ 20.6058, 40.2635,
6.6856

■ 40.0078, 49.6127,
37.0897

■ 45.2306, 52.1033,
46.4542

■ 51.1795, 54.9359,
57.3153

■ 57.8812, 58.1228,
69.7345

■ 65.3608, 61.6757,
83.7700

■ 73.6424, 65.6060,
99.4769

Harmonies

Analogous

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



34.4956, 42.7932, 6.8051



25.7849, 42.7932, 13.2042



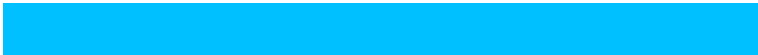
21.5596, 42.7932, 31.6452

Triad

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



25.7849, 42.7932, 13.2042



35.0492, 42.7932, 150.0570



68.4294, 42.7932, 30.3044

Complementary

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



25.7849, 42.7932, 13.2042



30.3674, 18.0279, 54.7048

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.



68.6626, 42.7932, 65.6367



25.7849, 42.7932, 13.2042



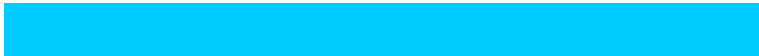
47.5486, 42.7932, 149.0306

Square

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



25.7849, 42.7932, 13.2042



26.1184, 42.7932, 115.2474



60.4109, 42.7932, 112.9065



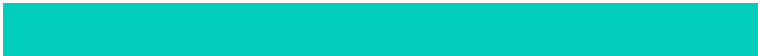
59.8270, 42.7932, 12.6560

Rectangle

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



25.7849, 42.7932, 13.2042



21.1584, 42.7932, 53.8403



60.4109, 42.7932, 112.9065



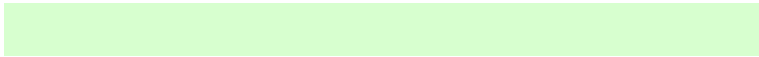
69.5404, 42.7932, 40.0299

Sweetspot

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



25.7859, 42.7950, 13.2052



74.9196, 90.4128, 72.2462



39.4180, 42.7286, 12.4738



15.4766, 19.0853, 14.4668



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.



25.7859, 42.7950, 13.2052



41.2254, 74.2396, 16.6001



25.6548, 42.5267, 22.2646



10.6621, 11.9727, 11.3118



13.6017, 26.5072, 4.3995



0.6975, 1.2827, 0.2108

Inverse Universe

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



30.3674, 18.0279, 54.7048



49.9103, 26.1377, 97.0223



31.5587, 19.0960, 34.2518



10.9001, 10.7223, 13.4126



16.7118, 7.8495, 35.3787



0.8393, 0.3964, 1.6774

Previews

White Background



This preview shows how the XYZ color 25.7849, 42.7932, 13.2042 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 25.7849, 42.7932, 13.2042 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 25.7849, 42.7932, 13.2042

Background



This preview shows how black text looks on a background with the XYZ color 25.7849, 42.7932, 13.2042.



This preview shows how white text looks on a background with the XYZ color 25.7849, 42.7932,

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

25.7849, 42.7932, 13.2042

Protanopia

38.3676, 42.1348, 11.2649

Deuteranopia

42.7480, 41.8309, 14.0047



Tritanopia

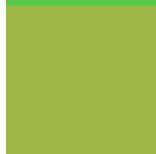
35.0570, 42.3264, 60.3549

Trichromacy



Original Color

25.7849, 42.7932, 13.2042



Protanomaly

31.9027, 41.1547, 11.8924



Deuteranomaly

33.7110, 40.5548, 13.4482



Tritanomaly

30.3778, 42.0101, 36.6447

Monochromacy



Original Color

25.7849, 42.7932, 13.2042



Achromatopsia

29.8446, 31.3989, 34.1934



Achromatomaly

26.9379, 34.2606, 23.9321

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7849, 42.7932, 13.2042 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(94, 197, 73)` looks like.

```
.text, #text, p{  
    color:rgb(94, 197, 73)  
}
```

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(94, 197, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 197, 73) }
```

Border

The CSS property to change the border of an element to XYZ 25.7849, 42.7932, 13.2042 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(94, 197, 73) }
```


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

```
.border{ border-color:rgb(94, 197, 73) }
```

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

Here you see how a box with a 4 pixel rgb(94, 197, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 197, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 197, 73);  
box-shadow:4px 4px 4px 4px rgb(94, 197,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7849, 42.7932, 13.2042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 197, 73) }
```

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

```
.background{ background-color: rgb(94, 197,  
73) }
```

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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