

Converting Colors

XYZ(25.2640, 42.7886, 16.6003)

Have a look what the booklet for
XYZ(25.2640, 42.7886, 16.6003)
contains.

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Color

**XYZ(25.2640, 42.7886,
16.6003)**

Conversions

Conversions Part 1

Format	Color
Hex	4FC65A
RGB	79, 198, 90
RGB Percent	31%, 78%, 35%
CMY	0.6902, 0.2235, 0.6470
CMYK	0.60, 0.00, 0.55, 0.22
HSL	126°, 51%, 54%
HSV	126°, 60%, 78%
XYZ	25.2640, 42.7886, 16.6003
YIQ	150.1070, -36.2560, -58.8160

Conversions

Conversions Part 2

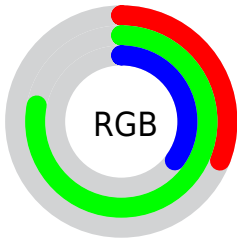
Format	Color
RYB	79, 188, 198
Decimal	5228122
CIELab	71.41, -55.29, 43.87
CIElCh	71, 70.577, 141.572
Yxy	42.7886, 0.2984, 0.5055
Android (android.graphics.Color)	4283418202 (0xFF4FC65A)
YUV	150.1070, -29.6328, -62.3608
Hunter-Lab	65.4130, -45.5319, 30.7427

Details

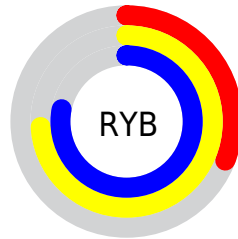
The XYZ color **25.2640, 42.7886, 16.6003** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **35.0556, 21.1863, 49.2565**, and the grayscale version is **29.1687, 30.6878, 33.4190**.

A 20% lighter version of the original color is **51.3654, 78.9921, 38.5264**, and **10.1887, 19.7914, 5.2026** is the 20% darker color. If you saturate the color by 10%, you get **23.1813, 41.7941, 12.9818**, and if you desaturate by 10%, it is **28.0242, 44.1134, 21.2175**.

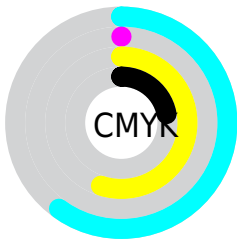
Distribution



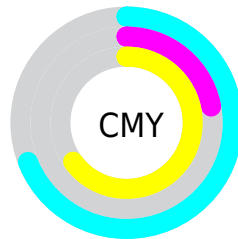
- Red (31%)
- Green (78%)
- Blue (35%)



- Red (31%)
- Yellow (74%)
- Blue (78%)



- Cyan (60%)
- Magenta (0%)
- Yellow (55%)
- Black (22%)



- Cyan (69%)
- Magenta (22%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2640, 42.7886, 16.6003 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 25.2640, 42.7886, 16.6003 by changing the saturation by 10% instead.

■ 25.2640, 42.7886,
16.6003

■ 25.2640, 42.7886,
16.6003

271.4736,
357.7417, 244.8238

■ 16.4036, 29.7193,
9.7910

■ 51.5250, 79.3918,
38.4184

■ 9.9029, 19.6256,
5.1568

■ 69.6563, 103.6944,
54.2644

■ 5.3964, 12.1232,
2.2792

■ 91.6087, 132.5102,
73.9596

■ 2.5188, 6.8276,
0.7195

■ 117.7475,
166.2237, 97.9226

■ 0.9047, 3.3545,
0.0000

148.4380,
205.2192, 126.5720

■ 0.0000, 1.3195,
0.0000

184.0456,

■ 0.0000, 0.1562,

249.8811, 160.3263

0.0000

224.9357,
300.5938, 199.6041

■ 0.0000, 0.0000,
0.0000

■ 25.2640, 42.7886,
16.6003

■ 25.2640, 42.7886,
16.6003

■ 23.1813, 41.7941,
12.9818

■ 28.0242, 44.1134,
21.2175

■ 21.7142, 41.0960,
10.2857

■ 31.5103, 45.7885,
26.8965

■ 20.7952, 40.6623,
8.4292

■ 35.7702, 47.8384,
33.6989

■ 20.3066, 40.4345,
7.3198

■ 40.8465, 50.2839,
41.6805

■ 46.7788, 53.1444,
50.8934

■ 53.6043, 56.4379,
61.3868

■ 61.3577, 60.1813,
73.2069

■ 70.0721, 64.3908,
86.3979

■ 78.9630, 68.6611,
100.9635

Harmonies

Analogous

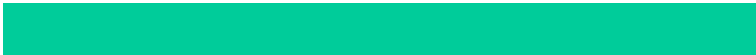
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



32.8317, 42.7886, 8.3808



25.2640, 42.7886, 16.6003



21.9919, 42.7886, 37.6400

Triad

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



25.2640, 42.7886, 16.6003



37.4109, 42.7886, 145.9614



65.8403, 42.7886, 26.4296

Complementary

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



25.2640, 42.7886, 16.6003



35.0556, 21.1863, 49.2565

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.



67.7249, 42.7886, 56.8558



25.2640, 42.7886, 16.6003



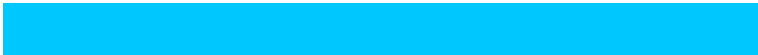
49.6644, 42.7886, 137.8147

Square

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



25.2640, 42.7886, 16.6003



28.0542, 42.7886, 118.9773



61.3293, 42.7886, 100.2600



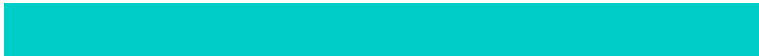
56.5919, 42.7886, 11.8244

Rectangle

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



25.2640, 42.7886, 16.6003



22.1368, 42.7886, 60.9921



61.3293, 42.7886, 100.2600



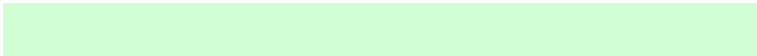
67.4194, 42.7886, 34.6540

Sweetspot

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



25.2650, 42.7904, 16.6013



74.1367, 89.9115, 76.6268



42.3667, 51.6568, 15.1351



15.2494, 18.9465, 15.4349



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.



25.2650, 42.7904, 16.6013



40.1649, 73.5856, 21.4004



28.7980, 44.2036, 35.2056



10.5366, 11.9035, 11.5101



13.2196, 26.3002, 4.8349



0.6399, 1.2509, 0.3025

Inverse Universe

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



35.0556, 21.1863, 49.2565



58.9552, 31.9921, 83.9770



30.0207, 19.1724, 22.7431



11.0392, 10.7991, 13.1897



20.4994, 9.9493, 28.9036



0.9833, 0.4762, 1.4352

Previews

White Background



This preview shows how the XYZ color 25.2640, 42.7886, 16.6003 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 25.2640, 42.7886, 16.6003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

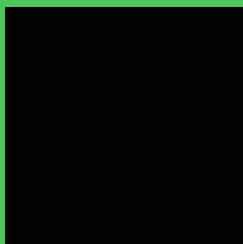
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.2640, 42.7886, 16.6003

Background



This preview shows how black text looks on a background with the XYZ color 25.2640, 42.7886, 16.6003.



This preview shows how white text looks on a background with the XYZ color 25.2640, 42.7886,

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

25.2640, 42.7886, 16.6003

Protanopia

38.3973, 42.0878, 14.0826

Deuteranopia

43.0397, 42.1703, 17.6756



Tritanopia

34.1649, 42.4607, 61.6534

Trichromacy



Original Color

25.2640, 42.7886, 16.6003



Protanomaly

31.3357, 41.1022, 14.8763



Deuteranomaly

33.3416, 40.5778, 17.1413



Tritanomaly

29.7762, 41.9415, 40.2444

Monochromacy



Original Color

25.2640, 42.7886, 16.6003



Achromatopsia

28.9890, 30.4987, 33.2131



Achromatomaly

26.0272, 33.4810, 25.5128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2640, 42.7886, 16.6003 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(79, 198, 90)` looks like.

```
.text, #text, p{  
    color:rgb(79, 198, 90)  
}
```

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(79, 198, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 198, 90) }
```

Border

The CSS property to change the border of an element to XYZ 25.2640, 42.7886, 16.6003 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(79, 198, 90) }
```


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

```
.border{ border-color:rgb(79, 198, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 198, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 198, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 198, 90);  
box-shadow:4px 4px 4px 4px rgb(79, 198,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2640, 42.7886, 16.6003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 198, 90) }
```

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

```
.background{ background-color: rgb(79, 198,  
90) }
```

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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