

Converting Colors

XYZ(25.9131, 40.1409, 16.9492)

Have a look what the booklet for
XYZ(25.9131, 40.1409, 16.9492)
contains.

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Color

**XYZ(25.9269, 40.1464,
16.9722)**

Conversions

Conversions Part 1

Format	Color
Hex	68BD5E
RGB	104, 189, 94
RGB Percent	41%, 74%, 37%
CMY	0.5922, 0.2588, 0.6314
CMYK	0.45, 0.00, 0.50, 0.26
HSL	114°, 42%, 55%
HSV	114°, 50%, 74%
XYZ	25.9269, 40.1464, 16.9722
YIQ	152.7550, -20.1650, -47.5650

Conversions

Conversions Part 2

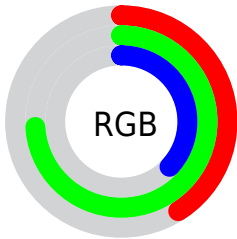
Format	Color
RYB	94, 189, 179
Decimal	6864222
CIELab	69.57, -44.58, 39.91
CIELCh	70, 59.833, 138.168
Yxy	40.1464, 0.3122, 0.4834
Android (android.graphics.Color)	4285054302 (0xFF68BD5E)
YUV	152.7550, -28.9662, -42.7581
Hunter-Lab	63.3612, -37.8413, 28.4712

Details

The XYZ color **25.9269, 40.1464, 16.9722** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **31.7804, 21.2645, 50.5757**, and the grayscale version is **30.3008, 31.8788, 34.7160**.

A 20% lighter version of the original color is **52.6413, 75.4604, 38.9850**, and **10.2909, 18.1141, 5.3369** is the 20% darker color. If you saturate the color by 10%, you get **23.4107, 38.9367, 12.9566**, and if you desaturate by 10%, it is **29.0464, 41.6455, 22.1016**.

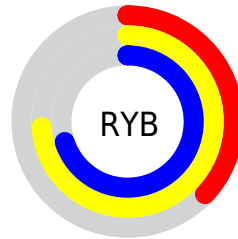
Distribution



Red (41%)

Green (74%)

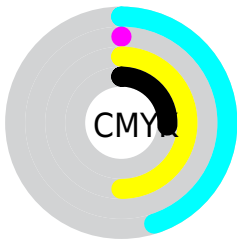
Blue (37%)



Red (37%)

Yellow (74%)

Blue (70%)

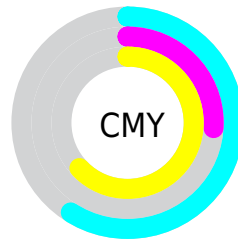


Cyan (45%)

Magenta (0%)

Yellow (50%)

Black (26%)



Cyan (59%)

Magenta (26%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9269, 40.1464, 16.9722 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 25.9269, 40.1464, 16.9722 by changing the saturation by 10% instead.

■ 25.9269, 40.1464,
16.9722

■ 25.9269, 40.1464,
16.9722

274.6863,
346.7402, 247.0507

■ 16.9014, 27.6527,
10.0529

■ 52.5891, 75.3864,
39.0680

■ 10.2591, 18.0640,
5.3280

■ 70.9565, 98.9015,
55.0815

■ 5.6346, 10.9960,
2.3789

■ 93.1686, 126.8592,
74.9636

■ 2.6627, 6.0641,
0.7749

■ 119.5907,
159.6438, 99.1328

■ 0.9780, 2.8841,
0.0000

150.5882,
197.6399, 128.0075

■ 0.0000, 1.0715,
0.0000

186.5263,

■ 0.0000, 0.0000,

241.2317, 162.0064

0.0000

227.7706,
290.8037, 201.5479

■ 25.9269, 40.1464,
16.9722

■ 25.9269, 40.1464,
16.9722

■ 23.4107, 38.9367,
12.9566

■ 29.0464, 41.6455,
22.1016

■ 21.4558, 37.9930,
9.9699

■ 32.8018, 43.4456,
28.4163

■ 20.0193, 37.2964,
7.9190

■ 37.2269, 45.5639,
35.9848

■ 19.0509, 36.8233,
6.6931

■ 42.3523, 48.0147,
44.8697

■ 18.4847, 36.5444,
6.0795

■ 48.2065, 50.8117,
55.1294

■ 54.8167, 53.9675,
66.8189

■ 62.2084, 57.4942,
79.9900

■ 70.4061, 61.4033,
94.6920

■ 77.4884, 64.8768,
103.0461

Harmonies

Analogous

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



32.6559, 40.1464, 10.1523



25.9269, 40.1464, 16.9722



22.7161, 40.1464, 33.6900

Triad

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



25.9269, 40.1464, 16.9722



34.4757, 40.1464, 119.1566



58.6604, 40.1464, 29.1389

Complementary

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



25.9269, 40.1464, 16.9722



31.7804, 21.2645, 50.5757

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.



59.3708, 40.1464, 55.5486



25.9269, 40.1464, 16.9722



44.2457, 40.1464, 116.2124

Square

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



25.9269, 40.1464, 16.9722



27.0648, 40.1464, 96.5171



53.7336, 40.1464, 89.6394



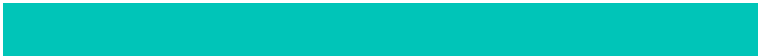
51.9308, 40.1464, 14.8548

Rectangle

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



25.9269, 40.1464, 16.9722



22.5706, 40.1464, 51.7121



53.7336, 40.1464, 89.6394



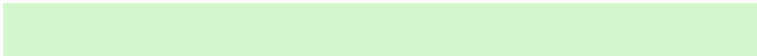
59.6480, 40.1464, 36.5838

Sweetspot

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



25.9279, 40.1481, 16.9731



71.1223, 83.7307, 72.1392



38.9122, 43.4366, 16.9235



14.8845, 17.8098, 14.8033



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.9279, 40.1481, 16.9731



41.6515, 69.6000, 22.7744



26.8723, 40.3996, 27.6487



9.4995, 10.6964, 10.1406



12.4687, 24.6037, 4.0918



0.5199, 0.9800, 0.1618

Inverse Universe

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



31.7804, 21.2645, 50.5757



53.2335, 32.0151, 89.6000



30.7058, 21.1114, 32.4148



9.8284, 9.6439, 12.0157



17.2433, 8.1753, 33.0621



0.7042, 0.3351, 1.2964

Previews

White Background



This preview shows how the XYZ color 25.9269, 40.1464, 16.9722 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 25.9269, 40.1464, 16.9722 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 25.9269, 40.1464, 16.9722

Background



This preview shows how black text looks on a background with the XYZ color 25.9269, 40.1464, 16.9722.



This preview shows how white text looks on a background with the XYZ color 25.9269, 40.1464,

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

25.9269, 40.1464, 16.9722

Protanopia

36.1580, 39.5032, 14.7360

Deuteranopia

40.2707, 39.4085, 17.7960



Tritanopia

33.7144, 39.9020, 56.3770

Trichromacy



Original Color

25.9269, 40.1464, 16.9722



Protanomaly

31.0811, 38.8568, 15.5348



Deuteranomaly

32.9160, 38.3325, 17.2193



Tritanomaly

30.0162, 39.6032, 37.9605

Monochromacy



Original Color

25.9269, 40.1464, 16.9722



Achromatopsia

30.2779, 31.8547, 34.6897



Achromatomaly

27.7927, 34.0893, 26.9449

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9269, 40.1464, 16.9722 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(104, 189, 94)` looks like.

```
.text, #text, p{  
    color:rgb(104, 189, 94)  
}
```

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(104, 189, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 189, 94) }
```

Border

The CSS property to change the border of an element to XYZ 25.9269, 40.1464, 16.9722 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(104, 189, 94) }
```


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

```
.border{ border-color:rgb(104, 189, 94) }
```

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

Here you see how a box with a 4 pixel rgb(104, 189, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 189, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 189, 94);  
box-shadow:4px 4px 4px 4px rgb(104, 189,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9269, 40.1464, 16.9722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 189, 94) }
```

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

```
.background{ background-color: rgb(104,  
189, 94) }
```

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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