

Converting Colors

XYZ(25.5234, 39.8783, 15.3265)

Have a look what the booklet for
XYZ(25.5234, 39.8783, 15.3265)
contains.

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Color

**XYZ(25.6268, 40.0264,
15.3920)**

Conversions

Conversions Part 1

Format	Color
Hex	68BD57
RGB	104, 189, 87
RGB Percent	41%, 74%, 34%
CMY	0.5922, 0.2588, 0.6588
CMYK	0.45, 0.00, 0.54, 0.26
HSL	110°, 44%, 54%
HSV	110°, 54%, 74%
XYZ	25.6268, 40.0264, 15.3920
YIQ	151.9570, -17.9180, -49.7420

Conversions

Conversions Part 2

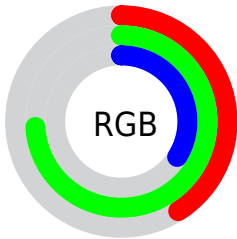
Format	Color
R_{YB}	87, 189, 172
Decimal	6864215
CIE Lab	69.49, -45.47, 43.21
CIE LCh	69, 62.725, 136.461
Yxy	40.0264, 0.3162, 0.4939
Android (android.graphics.Color)	4285054295 (0xFF68BD57)
YUV	151.9570, -32.0238, -42.0583
Hunter-Lab	63.2664, -38.4127, 29.8619

Details

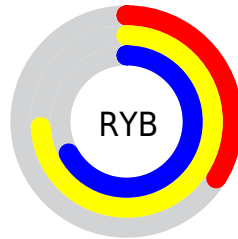
The XYZ color **25.6268, 40.0264, 15.3920** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **29.6089, 19.2625, 50.3038**, and the grayscale version is **29.9667, 31.5273, 34.3332**.

A 20% lighter version of the original color is **52.1132, 75.2492, 36.2040**, and **10.1091, 18.0362, 4.6176** is the 20% darker color. If you saturate the color by 10%, you get **23.2931, 38.9024, 11.7665**, and if you desaturate by 10%, it is **28.5061, 41.4107, 20.0999**.

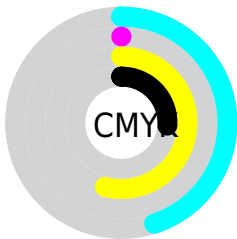
Distribution



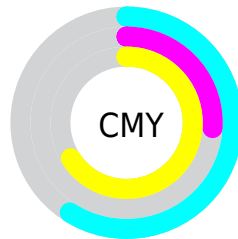
- Red (41%)
- Green (74%)
- Blue (34%)



- Red (34%)
- Yellow (74%)
- Blue (67%)



- Cyan (45%)
- Magenta (0%)
- Yellow (54%)
- Black (26%)





- Cyan (59%)
- Magenta (26%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.6268, 40.0264, 15.3920 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 25.6268, 40.0264, 15.3920 by changing the saturation by 10% instead.


 25.6268, 40.0264,
15.3920


 25.6268, 40.0264,
15.3920


273.2356,
346.2348, 237.4487


 16.6759, 27.5591,
8.9453


 52.1079, 75.2037,
36.2914


 10.0975, 17.9936,
4.6092


 70.3687, 98.6825,
51.5812


 5.5264, 10.9454,
1.9651


 92.4636, 126.6007,
70.6557

 2.5972, 6.0301,
0.5337

 118.7578,
159.3425, 93.9335

 0.9445, 2.8634,
0.0000

 149.6168,
197.2925, 121.8332

 0.0000, 1.0608,
0.0000

185.4059,

 0.0000, 0.0000,

240.8349, 154.7733

0.0000

226.4904,
290.3542, 193.1723

■ 25.6268, 40.0264,
15.3920

■ 25.6268, 40.0264,
15.3920

■ 23.2931, 38.9024,
11.7665

■ 28.5061, 41.4107,
20.0999

■ 21.4669, 38.0173,
9.1348

■ 31.9602, 43.0651,
25.9642

■ 20.1096, 37.3546,
7.3989

■ 36.0193, 45.0050,
33.0555

■ 19.1755, 36.8933,
6.4394

■ 40.7110, 47.2429,
41.4378

■ 18.7785, 36.6959,
6.0933

■ 46.0609, 49.7910,
51.1710

■ 52.0933, 52.6605,
62.3110

■ 58.8312, 55.8622,
74.9106

■ 66.2967, 59.4062,
89.0199

■ 74.1696, 63.1659,
102.8908

Harmonies

Analogous

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



32.8000, 40.0264, 9.0367



25.6268, 40.0264, 15.3920



22.1092, 40.0264, 31.8108

Triad

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



25.6268, 40.0264, 15.3920



33.6745, 40.0264, 123.1432



59.8826, 40.0264, 29.6403

Complementary

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



25.6268, 40.0264, 15.3920



29.6089, 19.2625, 50.3038

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.



60.2303, 40.0264, 57.9485



25.6268, 40.0264, 15.3920



43.8189, 40.0264, 121.6813

Square

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



25.6268, 40.0264, 15.3920



26.1689, 40.0264, 97.6381



53.9367, 40.0264, 94.2431



53.0574, 40.0264, 14.4112

Rectangle

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



25.6268, 40.0264, 15.3920



21.8204, 40.0264, 50.1476



53.9367, 40.0264, 94.2431



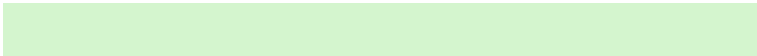
60.7978, 40.0264, 37.6159

Sweetspot

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



25.6278, 40.0281, 15.3929



70.8851, 83.6429, 70.5671



37.4609, 41.0139, 14.9595



14.8635, 17.8058, 14.4940



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.



25.6278, 40.0281, 15.3929



40.9658, 69.3082, 19.9554



25.5806, 39.8038, 24.4248



9.5530, 10.7240, 10.1431



12.6788, 24.7120, 4.1017



0.5434, 0.9921, 0.1629

Inverse Universe

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



29.6089, 19.2625, 50.3038



48.7518, 28.1343, 89.0872



30.3123, 20.0028, 33.2752



9.7697, 9.6136, 12.0129



15.6575, 7.3578, 32.9879



0.6554, 0.3099, 1.2941

Previews

White Background



This preview shows how the XYZ color 25.6268, 40.0264, 15.3920 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 25.6268, 40.0264, 15.3920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

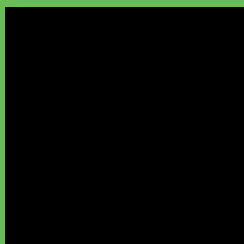
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.6268, 40.0264, 15.3920

Background



This preview shows how black text looks on a background with the XYZ color 25.6268, 40.0264, 15.3920.



This preview shows how white text looks on a background with the XYZ color 25.6268, 40.0264,

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

25.6268, 40.0264, 15.3920

Protanopia

36.1295, 39.5199, 13.3133

Deuteranopia

40.2188, 39.4197, 16.0787



Tritanopia

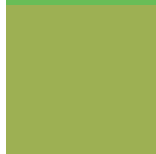
33.7470, 39.9316, 55.7981

Trichromacy



Original Color

25.6268, 40.0264, 15.3920



Protanomaly

30.9913, 38.8433, 14.0477



Deuteranomaly

32.8134, 38.3162, 15.5638



Tritanomaly

29.8968, 39.5709, 36.6341

Monochromacy



Original Color

25.6268, 40.0264, 15.3920



Achromatopsia

29.8446, 31.3989, 34.1934



Achromatomaly

27.3431, 33.6197, 25.4702

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6268, 40.0264, 15.3920 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, 87)` looks like.

```
.text, #text, p{  
    color:rgb(104, 189, 87)  
}
```

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, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 189, 87) }
```

Border

The CSS property to change the border of an element to XYZ 25.6268, 40.0264, 15.3920 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, 87) }
```


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

```
.border{ border-color:rgb(104, 189, 87) }
```

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, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 189, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 189, 87);  
box-shadow:4px 4px 4px 4px rgb(104, 189,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6268, 40.0264, 15.3920 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, 87) }
```

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

```
.background{ background-color: rgb(104,  
189, 87) }
```

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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