

Converting Colors

XYZ(25.4235, 38.8582, 8.1045)

Have a look what the booklet for
XYZ(25.4235, 38.8582, 8.1045)
contains.

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Color

**XYZ(25.3229, 38.7663,
8.0675)**

Conversions

Conversions Part 1

Format	Color
Hex	77B927
RGB	119, 185, 39
RGB Percent	47%, 73%, 15%
CMY	0.5333, 0.2745, 0.8470
CMYK	0.36, 0.00, 0.79, 0.27
HSL	87°, 65%, 44%
HSV	87°, 79%, 73%
XYZ	25.3229, 38.7663, 8.0675
YIQ	148.6220, 7.5300, -59.3980

Conversions

Conversions Part 2

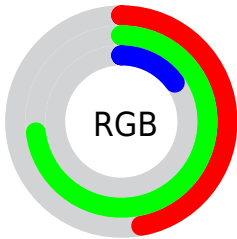
Format	Color
R_{YB}	39, 185, 105
Decimal	7846183
CIE _{Lab}	68.58, -42.84, 61.83
CIE _{LCh}	69, 75.222, 124.720
Yxy	38.7663, 0.3509, 0.5373
Android (android.graphics.Color)	4286036263 (0xFF77B927)
YUV	148.6220, -54.0436, -25.9785
Hunter-Lab	62.2626, -36.3616, 35.9015

Details

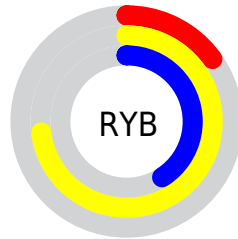
The XYZ color **25.3229, 38.7663, 8.0675** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **15.3102, 7.9584, 46.6303**, and the grayscale version is **28.6268, 30.1177, 32.7981**.

A 20% lighter version of the original color is **51.8143, 73.5974, 22.7841**, and **10.1029, 17.2567, 2.7984** is the 20% darker color. If you saturate the color by 10%, you get **23.9904, 38.1078, 6.7768**, and if you desaturate by 10%, it is **26.9077, 39.5400, 10.1514**.

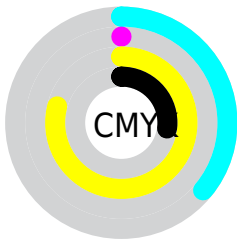
Distribution



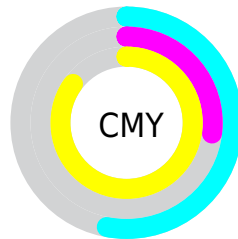
- Red (47%)
- Green (73%)
- Blue (15%)



- Red (15%)
- Yellow (73%)
- Blue (41%)



- Cyan (36%)
- Magenta (0%)
- Yellow (79%)
- Black (27%)





- Cyan (53%)
- Magenta (27%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3229, 38.7663, 8.0675 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 25.3229, 38.7663, 8.0675 by changing the saturation by 10% instead.


 25.3229, 38.7663,
8.0675

 25.3229, 38.7663,
8.0675


271.7603,
340.8959, 186.2148


 16.4478, 26.5780,
4.0498


 51.6197, 73.2812,
22.6390


 9.9344, 17.2565,
1.6527


 69.7721, 96.3765,
34.0299

 5.4174, 10.4176,
0.3280


 91.7477, 123.8763,
48.7156

 2.5315, 5.6767,
0.0000

 117.9118,
156.1649, 67.1146

 0.9111, 2.6495,
0.0000

 148.6297,
193.6268, 89.6455

 0.0000, 0.9516,
0.0000

 184.2669,

 0.0000, 0.0000,

236.6463, 116.7268

0.0000

225.1886,
285.6079, 148.7771

■ 25.3229, 38.7663,
8.0675

■ 25.3229, 38.7663,
8.0675

■ 23.9904, 38.1078,
6.7768

■ 26.9077, 39.5400,
10.1514

■ 22.8711, 37.5446,
6.0990

■ 28.7637, 40.4329,
13.1272

■ 22.7575, 37.4874,
6.0363

■ 30.9106, 41.4544,
17.0820

■ 33.3652, 42.6114,
22.0916

■ 36.1426, 43.9104,
28.2247

■ 39.2571, 45.3571,
35.5439

■ 42.7216, 46.9572,
44.1073

■ 46.5486, 48.7158,
53.9692

■ 50.7497, 50.6378,
65.1806

Harmonies

Analogous

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



35.0013, 38.7663, 4.8433



25.3229, 38.7663, 8.0675



19.8316, 38.7663, 20.0094

Triad

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



25.3229, 38.7663, 8.0675



27.9395, 38.7663, 133.1026



64.5701, 38.7663, 37.0604

Complementary

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



25.3229, 38.7663, 8.0675



15.3102, 7.9584, 46.6303

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.



61.5558, 38.7663, 76.6992



25.3229, 38.7663, 8.0675



38.7548, 38.7663, 146.5043

Square

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



25.3229, 38.7663, 8.0675



21.0994, 38.7663, 91.4125



51.4226, 38.7663, 121.8769



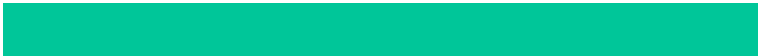
58.9513, 38.7663, 14.8668

Rectangle

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



25.3229, 38.7663, 8.0675



18.4822, 38.7663, 36.4797



51.4226, 38.7663, 121.8769



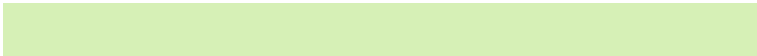
64.5419, 38.7663, 48.5108

Sweetspot

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



25.3238, 38.7680, 8.0683



67.1749, 79.7780, 56.2074



25.3965, 20.5046, 4.5393



14.0667, 17.0055, 11.1548



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



25.3238, 38.7680, 8.0683



41.4139, 67.4676, 11.1872



18.8567, 35.4341, 7.7657



9.3480, 10.2960, 9.6015



15.5800, 25.5681, 4.1140



0.6195, 0.9376, 0.1483

Inverse Universe

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



15.3102, 7.9584, 46.6303



22.8764, 10.1764, 82.9631



27.7754, 14.3845, 47.2136



8.8964, 8.9129, 11.3309



8.5119, 3.6992, 31.5185



0.3715, 0.1672, 1.1144

Previews

White Background



This preview shows how the XYZ color 25.3229, 38.7663, 8.0675 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 25.3229, 38.7663, 8.0675 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 25.3229, 38.7663, 8.0675

Background



This preview shows how black text looks on a background with the XYZ color 25.3229, 38.7663, 8.0675.



This preview shows how white text looks on a background with the XYZ color 25.3229, 38.7663,

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

25.3229, 38.7663, 8.0675

Protanopia

34.6010, 38.3177, 7.0858

Deuteranopia

39.1412, 38.2570, 8.5702



Tritanopia

34.0967, 38.4535, 52.0796

Trichromacy



Original Color

25.3229, 38.7663, 8.0675

Protanomaly

30.3548, 38.0809, 7.4195

Deuteranomaly

32.4202, 37.4406, 8.2074

Tritanomaly

29.3159, 37.9630, 27.9728

Monochromacy



Original Color

25.3229, 38.7663, 8.0675

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

26.1619, 32.3481, 19.3329

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3229, 38.7663, 8.0675 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(119, 185, 39)` looks like.

```
.text, #text, p{  
    color:rgb(119, 185, 39)  
}
```

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(119, 185, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 185, 39) }
```

Border

The CSS property to change the border of an element to XYZ 25.3229, 38.7663, 8.0675 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(119, 185, 39) }
```


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

```
.border{ border-color:rgb(119, 185, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 185, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 185, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 185, 39);  
box-shadow:4px 4px 4px 4px rgb(119, 185,  
39) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3229, 38.7663, 8.0675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 185, 39) }
```

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

```
.background{ background-color: rgb(119,  
185, 39) }
```

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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