

Converting Colors

XYZ(25.1258, 42.9331, 6.9627)

Have a look what the booklet for
XYZ(25.1258, 42.9331, 6.9627)
contains.

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Color

**XYZ(25.1238, 42.9296,
6.9621)**

Conversions

Conversions Part 1

Format	Color
Hex	61C600
RGB	97, 198, 0
RGB Percent	38%, 78%, 0%
CMY	0.6196, 0.2235, 0.9999
CMYK	0.51, 0.00, 1.00, 0.22
HSL	91°, 100%, 39%
HSV	91°, 100%, 78%
XYZ	25.1238, 42.9296, 6.9621
YIQ	145.2290, 3.3620, -82.9900

Conversions

Conversions Part 2

Format	Color
RYB	0, 198, 101
Decimal	6407680
CIELab	71.51, -56.30, 70.90
CIELCh	72, 90.533, 128.452
Yxy	42.9296, 0.3349, 0.5723
Android (android.graphics.Color)	4284597760 (0xFF61C600)
YUV	145.2290, -71.5979, -42.2968
Hunter-Lab	65.5207, -46.2157, 39.5644

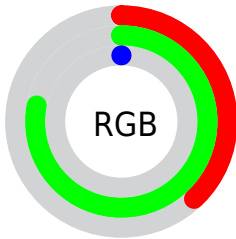
Details

The XYZ color **25.1238, 42.9296, 6.9621** is a dark color, and the websafe version is hex **66CC00**.

The color can be described as dark washed chartreuse. A complement of this color would be **15.5638, 6.8463, 53.9298**, and the grayscale version is **27.2904, 28.7116, 31.2669**.

A 20% lighter version of the original color is **51.1498, 79.2822, 20.3917**, and **10.1991, 19.8391, 3.2918** is the 20% darker color. If you saturate the color by 10%, you get **25.1234, 42.9307, 6.9623**, and if you desaturate by 10%, it is **26.3952, 43.5720, 7.6727**.

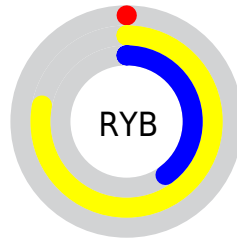
Distribution



Red (38%)

Green (78%)

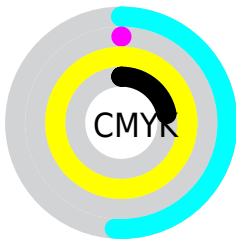
Blue (0%)



Red (0%)

Yellow (78%)

Blue (40%)

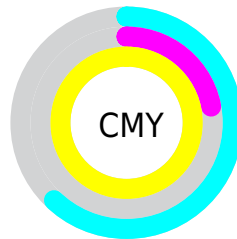


Cyan (51%)

Magenta (0%)

Yellow (100%)

Black (22%)



Cyan (62%)


Magenta (22%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.1238, 42.9296, 6.9621 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 25.1238, 42.9296, 6.9621 by changing the saturation by 10% instead.


 25.1238, 42.9296,
6.9621


 25.1238, 42.9296,
6.9621


270.7902,
358.3222, 176.9674


 16.2985, 29.8299,
3.3603


 51.2994, 79.6046,
20.4085


 9.8278, 19.7095,
1.2814


 69.3805, 103.9487,
31.0902

 5.3463, 12.1841,
0.0465


 91.2776, 132.8097,
44.9689

 2.4887, 6.8692,
0.0000

 117.3560,
166.5720, 62.4633

 0.8896, 3.3804,
0.0000

 147.9811,
205.6200, 83.9918

 0.0000, 1.3334,
0.0000

 183.5183,

 0.0000, 0.1669,

250.3381, 109.9729

0.0000

224.3329,
301.1107, 140.8253

■ 0.0000, 0.0000,
0.0000

■ 25.1238, 42.9296,
6.9621

■ 25.1238, 42.9296,
6.9621

■ 25.1234, 42.9307,
6.9623

■ 26.3952, 43.5720,
7.6727

■ 27.9350, 44.3367,
9.0596

■ 29.7932, 45.2457,
11.3586

■ 31.9977, 46.3106,
14.6925

■ 34.5722, 47.5415,
19.1649

■ 37.5381, 48.9473,
24.8672

■ 40.9149, 50.5364,
31.8811

■ 44.7205, 52.3162,
40.2815

■ 48.9716, 54.2940,
50.1376

Harmonies

Analogous

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



36.6353, 42.9296, 3.1389



25.1238, 42.9296, 6.9621



19.1225, 42.9296, 22.1490

Triad

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



25.1238, 42.9296, 6.9621



30.9356, 42.9296, 176.8146



77.3111, 42.9296, 35.4339

Complementary

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



25.1238, 42.9296, 6.9621



15.5638, 6.8463, 53.9298

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.



74.6858, 42.9296, 84.9592



25.1238, 42.9296, 6.9621



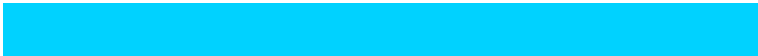
45.2760, 42.9296, 189.1492

Square

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



25.1238, 42.9296, 6.9621



21.8481, 42.9296, 121.0240



61.9370, 42.9296, 148.4562



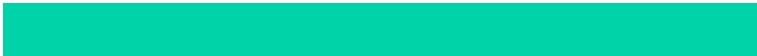
68.4084, 42.9296, 11.5135

Rectangle

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



25.1238, 42.9296, 6.9621



17.9163, 42.9296, 44.5067



61.9370, 42.9296, 148.4562



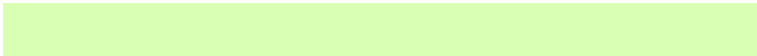
77.7842, 42.9296, 49.0530

Sweetspot

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



25.1248, 42.9314, 6.9630



72.1567, 89.3491, 55.8262



27.7531, 20.9326, 2.5783



14.8805, 18.8594, 10.7590



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.



25.1248, 42.9314, 6.9630



44.2036, 75.8728, 12.3152



20.1955, 40.3903, 6.7324



10.9838, 12.1386, 11.3268



16.4359, 27.9683, 4.5322



0.8618, 1.3674, 0.2185

Inverse Universe

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



15.5638, 6.8463, 53.9298



27.2705, 11.9734, 95.4815



33.4836, 16.0842, 54.7684



10.5639, 10.5490, 13.3969



10.2191, 4.5024, 35.0748



0.5673, 0.2562, 1.6647

Previews

White Background



This preview shows how the XYZ color 25.1238, 42.9296, 6.9621 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 25.1238, 42.9296, 6.9621 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 25.1238, 42.9296, 6.9621

Background



This preview shows how black text looks on a background with the XYZ color 25.1238, 42.9296, 6.9621.



This preview shows how white text looks on a background with the XYZ color 25.1238, 42.9296,

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

25.1238, 42.9296, 6.9621

Protanopia

37.9010, 42.0079, 6.1107

Deuteranopia

43.0688, 42.1304, 7.9598



Tritanopia

35.7615, 42.6896, 60.3879

Trichromacy



Original Color

25.1238, 42.9296, 6.9621



Protanomaly

31.4307, 41.3406, 6.3230



Deuteranomaly

33.5878, 40.6328, 7.0499



Tritanomaly

28.9678, 41.5049, 26.5632

Monochromacy



Original Color

25.1238, 42.9296, 6.9621



Achromatopsia

26.9133, 28.3149, 30.8349



Achromatomaly

24.1093, 31.9128, 15.0143

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1238, 42.9296, 6.9621 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(97, 198, 0)` looks like.

```
.text, #text, p{  
    color:rgb(97, 198, 0)  
}
```

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(97, 198, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 198, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.1238, 42.9296, 6.9621 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(97, 198, 0) }
```


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

```
.border{ border-color:rgb(97, 198, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 198, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 198, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 198, 0);  
box-shadow:4px 4px 4px 4px rgb(97, 198, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.1238, 42.9296, 6.9621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 198, 0) }
```

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

```
.background{ background-color: rgb(97, 198,  
0) }
```

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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