

Converting Colors

XYZ(25.1438, 43.1311, 6.9999)

Have a look what the booklet for
XYZ(25.1438, 43.1311, 6.9999)
contains.

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Color

**XYZ(25.2473, 43.3336,
7.0336)**

Conversions

Conversions Part 1

Format	Color
Hex	60C700
RGB	96, 199, 0
RGB Percent	38%, 78%, 0%
CMY	0.6235, 0.2196, 0.9999
CMYK	0.52, 0.00, 1.00, 0.22
HSL	91°, 100%, 39%
HSV	91°, 100%, 78%
XYZ	25.2473, 43.3336, 7.0336
YIQ	145.5170, 2.4910, -83.7250

Conversions

Conversions Part 2

Format	Color
RYB	0, 199, 103
Decimal	6342400
CIELab	71.78, -56.95, 71.10
CIELCh	72, 91.097, 128.697
Yxy	43.3336, 0.3339, 0.5731
Android (android.graphics.Color)	4284532480 (0xFF60C700)
YUV	145.5170, -71.7399, -43.4264
Hunter-Lab	65.8283, -46.7388, 39.7448

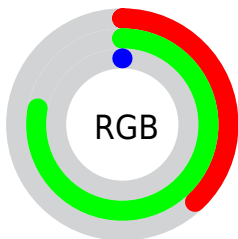
Details

The XYZ color **25.2473, 43.3336, 7.0336** 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 **15.9063, 7.0095, 54.5498**, and the grayscale version is **27.4094, 28.8368, 31.4033**.

A 20% lighter version of the original color is **50.9555, 79.1820, 20.3826**, and **10.2825, 20.1059, 3.3389** is the 20% darker color. If you saturate the color by 10%, you get **25.2468, 43.3347, 7.0338**, and if you desaturate by 10%, it is **26.5297, 43.9815, 7.7493**.

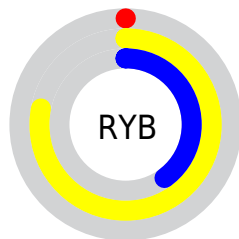
Distribution



Red (38%)

Green (78%)

Blue (0%)



Red (0%)

Yellow (78%)

Blue (40%)

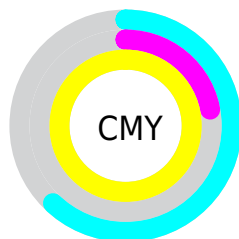


Cyan (52%)

Magenta (0%)

Yellow (100%)

Black (22%)



Cyan (62%)


Magenta (22%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.2473, 43.3336, 7.0336 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 25.2473, 43.3336, 7.0336 by changing the saturation by 10% instead.


 25.2473, 43.3336,
7.0336


 25.2473, 43.3336,
7.0336


271.3923,
359.9819, 177.5841


 16.3911, 30.1470,
3.4044


 51.4981, 80.2140,
20.5548

 9.8939, 19.9502,
1.3046


 69.6235, 104.6766,
31.2838

 5.3904, 12.3588,
0.0656


 91.5693, 133.6666,
45.2165

 2.5152, 6.9885,
0.0000

 117.7009,
167.5684, 62.7715

 0.9029, 3.4549,
0.0000

 148.3836,
206.7665, 84.3671

 0.0000, 1.3736,
0.0000

 183.9829,

 0.0000, 0.1971,

251.6452, 110.4221

0.0000

224.8640,
302.5888, 141.3549

■ 0.0000, 0.0000,
0.0000

■ 25.2473, 43.3336,
7.0336

■ 25.2473, 43.3336,
7.0336

■ 25.2468, 43.3347,
7.0338

■ 26.5297, 43.9815,
7.7493

■ 28.0872, 44.7551,
9.1502

■ 29.9709, 45.6767,
11.4739

■ 32.2089, 46.7581,
14.8448

■ 34.8256, 48.0097,
19.3680

■ 37.8429, 49.4406,
25.1358

■ 41.2806, 51.0593,
32.2312

■ 45.1571, 52.8736,
40.7300

■ 49.4895, 54.8908,
50.7022

Harmonies

Analogous

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



36.8508, 43.3336, 3.1346



25.2473, 43.3336, 7.0336



19.2231, 43.3336, 22.5049

Triad

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



25.2473, 43.3336, 7.0336



31.2971, 43.3336, 179.3953



78.1485, 43.3336, 35.4373

Complementary

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



25.2473, 43.3336, 7.0336



15.9063, 7.0095, 54.5498

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.



75.5858, 43.3336, 85.3985



25.2473, 43.3336, 7.0336



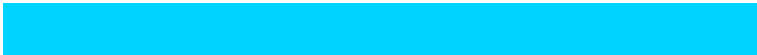
45.8512, 43.3336, 191.4512

Square

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



25.2473, 43.3336, 7.0336



22.0586, 43.3336, 123.0088



62.7265, 43.3336, 149.8073



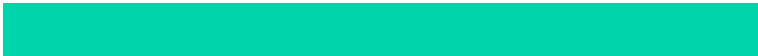
69.0417, 43.3336, 11.4468

Rectangle

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



25.2473, 43.3336, 7.0336



18.0302, 43.3336, 45.2715



62.7265, 43.3336, 149.8073



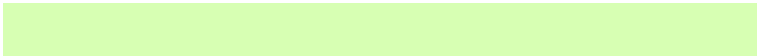
78.6620, 43.3336, 49.1474

Sweetspot

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



25.2483, 43.3355, 7.0346



71.9878, 89.2620, 55.8183



28.3877, 21.8095, 2.7141



14.8406, 18.8388, 10.7571



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.



25.2483, 43.3355, 7.0346



43.9279, 75.7307, 12.3023



20.4429, 40.8561, 6.9045



10.9762, 12.1346, 11.3265



16.3338, 27.9157, 4.5274



0.8569, 1.3649, 0.2183

Inverse Universe

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



15.9063, 7.0095, 54.5498



27.5663, 12.1258, 95.4954



33.4827, 16.1145, 53.3839



10.5716, 10.5529, 13.3972



10.3283, 4.5587, 35.0799



0.5724, 0.2588, 1.6649

Previews

White Background



This preview shows how the XYZ color 25.2473, 43.3336, 7.0336 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 25.2473, 43.3336, 7.0336 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 25.2473, 43.3336, 7.0336

Background



This preview shows how black text looks on a background with the XYZ color 25.2473, 43.3336, 7.0336.



This preview shows how white text looks on a background with the XYZ color 25.2473, 43.3336, 7.0336.

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

25.2473, 43.3336, 7.0336

Protanopia

38.3559, 42.5303, 6.1876

Deuteranopia

43.5517, 42.6482, 8.0343



Tritanopia

35.9427, 43.0790, 61.0643

Trichromacy



Original Color

25.2473, 43.3336, 7.0336



Protanomaly

31.6377, 41.7546, 6.3920



Deuteranomaly

33.7860, 41.0293, 7.1160



Tritanomaly

29.0543, 41.8699, 26.6291

Monochromacy



Original Color

25.2473, 43.3336, 7.0336



Achromatopsia

27.3213, 28.7441, 31.3023



Achromatomaly

24.3330, 32.2898, 15.3060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2473, 43.3336, 7.0336 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(96, 199, 0)` looks like.

```
.text, #text, p{  
    color:rgb(96, 199, 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(96, 199, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 199, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.2473, 43.3336, 7.0336 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(96, 199, 0) }
```


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

```
.border{ border-color:rgb(96, 199, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 199, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 199, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 199, 0);  
box-shadow:4px 4px 4px 4px rgb(96, 199, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.2473, 43.3336, 7.0336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 199, 0) }
```

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

```
.background{ background-color: rgb(96, 199,  
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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