

Converting Colors

XYZ(26.0729, 44.6030, 7.2351)

Have a look what the booklet for
XYZ(26.0729, 44.6030, 7.2351)
contains.

XYZ(25.9236, 44.3700, 7.1979)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.9236, 44.3700,
7.1979)**

Conversions

Conversions Part 1

Format	Color
Hex	62C900
RGB	98, 201, 0
RGB Percent	38%, 79%, 0%
CMY	0.6157, 0.2117, 0.9999
CMYK	0.51, 0.00, 1.00, 0.21
HSL	91°, 100%, 39%
HSV	91°, 100%, 79%
XYZ	25.9236, 44.3700, 7.1979
YIQ	147.2890, 3.1330, -84.3470

Conversions

Conversions Part 2

Format	Color
RYB	0, 201, 103
Decimal	6473984
CIELab	72.48, -57.10, 71.67
CIELCh	72, 91.640, 128.543
Yxy	44.3700, 0.3345, 0.5726
Android (android.graphics.Color)	4284664064 (0xFF62C900)
YUV	147.2890, -72.6135, -43.2265
Hunter-Lab	66.6108, -47.1003, 40.2207

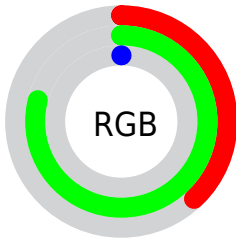
Details

The XYZ color **25.9236, 44.3700, 7.1979** 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 **16.1399, 7.1028, 55.7813**, and the grayscale version is **28.1456, 29.6114, 32.2468**.

A 20% lighter version of the original color is **51.3458, 79.3832, 20.4009**, and **10.6798, 20.7644, 3.4451** is the 20% darker color. If you saturate the color by 10%, you get **25.9233, 44.3713, 7.1982**, and if you desaturate by 10%, it is **27.2359, 45.0332, 7.9243**.

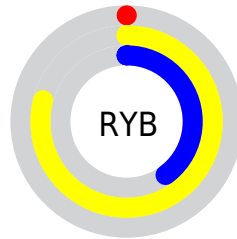
Distribution



Red (38%)

Green (79%)

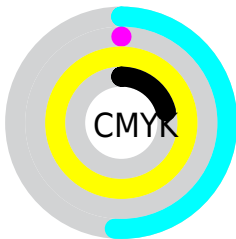
Blue (0%)



Red (0%)

Yellow (79%)

Blue (40%)

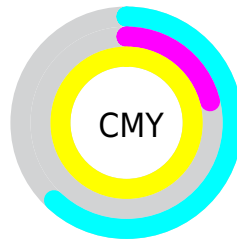


Cyan (51%)

Magenta (0%)

Yellow (100%)

Black (21%)



Cyan (62%)


Magenta (21%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.9236, 44.3700, 7.1979 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 25.9236, 44.3700, 7.1979 by changing the saturation by 10% instead.


 25.9236, 44.3700,
7.1979


 25.9236, 44.3700,
7.1979


274.6704,
364.2160, 178.9910


 16.8989, 30.9615,
3.5059


 52.5838, 81.7742,
20.8899


 10.2573, 20.5695,
1.3584

 70.9501, 106.5387,
31.7268

 5.6334, 12.8097,
0.1089


 93.1609, 135.8573,
45.7826

 2.6620, 7.2976,
0.0000

 119.5815,
170.1145, 63.4755

 0.9777, 3.6489,
0.0000

 150.5775,
209.6945, 85.2243

 0.0000, 1.4792,
0.0000

 186.5140,

 0.0000, 0.2740,

254.9818, 111.4475

0.0000

227.7566,
306.3609, 142.5635

■ 0.0000, 0.0000,
0.0000

■ 25.9236, 44.3700,
7.1979

■ 25.9236, 44.3700,
7.1979

■ 25.9233, 44.3713,
7.1982

■ 27.2359, 45.0332,
7.9243

■ 28.8277, 45.8238,
9.3529

■ 30.7504, 46.7645,
11.7255

■ 33.0331, 47.8674,
15.1699

■ 35.7004, 49.1429,
19.7937

■ 38.7747, 50.6004,
25.6916

■ 42.2762, 52.2485,
32.9486

■ 46.2236, 54.0951,
41.6423

■ 50.6343, 56.1476,
51.8446

Harmonies

Analogous

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



37.8152, 44.3700, 3.2312



25.9236, 44.3700, 7.1979



19.7337, 44.3700, 22.9482

Triad

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



25.9236, 44.3700, 7.1979



32.0003, 44.3700, 183.0973



79.9471, 44.3700, 36.4966

Complementary

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



25.9236, 44.3700, 7.1979



16.1399, 7.1028, 55.7813

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.



77.2670, 44.3700, 87.6725



25.9236, 44.3700, 7.1979



46.8520, 44.3700, 195.6955

Square

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



25.9236, 44.3700, 7.1979



22.5830, 44.3700, 125.4072



64.0941, 44.3700, 153.4204



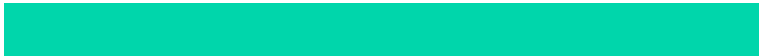
70.6999, 44.3700, 11.8327

Rectangle

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



25.9236, 44.3700, 7.1979



18.4965, 44.3700, 46.1318



64.0941, 44.3700, 153.4204



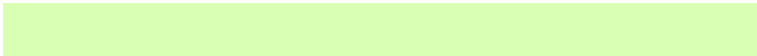
80.4499, 44.3700, 50.5586

Sweetspot

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



25.9246, 44.3719, 7.1989



72.1040, 89.3219, 55.8237



28.6951, 21.6311, 2.6634



14.8680, 18.8530, 10.7584



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.



25.9246, 44.3719, 7.1989



44.1171, 75.8283, 12.3111



20.8880, 41.7754, 6.9632



10.9814, 12.1374, 11.3267



16.4039, 27.9518, 4.5307



0.8603, 1.3666, 0.2184

Inverse Universe

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



16.1399, 7.1028, 55.7813



27.3620, 12.0205, 95.4858



34.6319, 16.6358, 56.6467



10.5663, 10.5502, 13.3970



10.2529, 4.5198, 35.0764



0.5689, 0.2570, 1.6648

Previews

White Background



This preview shows how the XYZ color 25.9236, 44.3700, 7.1979 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 25.9236, 44.3700, 7.1979 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 25.9236, 44.3700, 7.1979

Background



This preview shows how black text looks on a background with the XYZ color 25.9236, 44.3700, 7.1979.

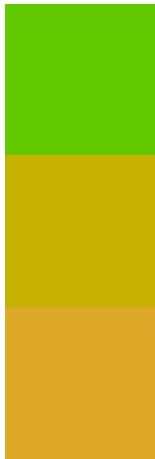


This preview shows how white text looks on a background with the XYZ color 25.9236, 44.3700,

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

25.9236, 44.3700, 7.1979

Protanopia

39.2753, 43.5864, 6.3430

Deuteranopia

44.5271, 43.6950, 8.1850



Tritanopia

36.8884, 44.1649, 62.4576

Trichromacy



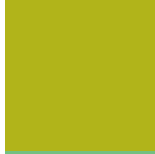
Original Color

25.9236, 44.3700, 7.1979



Protanomaly

32.4592, 42.7992, 6.5503



Deuteranomaly

34.6392, 42.0642, 7.2708



Tritanomaly

29.8823, 42.9291, 27.4801

Monochromacy



Original Color

25.9236, 44.3700, 7.1979



Achromatopsia

27.7328, 29.1771, 31.7738



Achromatomaly

24.8924, 33.1127, 15.6691

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9236, 44.3700, 7.1979 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(98, 201, 0)` looks like.

```
.text, #text, p{  
    color:rgb(98, 201, 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(98, 201, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 201, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.9236, 44.3700, 7.1979 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(98, 201, 0) }
```


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

```
.border{ border-color:rgb(98, 201, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 201, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 201, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 201, 0);  
box-shadow:4px 4px 4px 4px rgb(98, 201, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.9236, 44.3700, 7.1979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 201, 0) }
```

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

```
.background{ background-color: rgb(98, 201,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor