

Converting Colors

XYZ(25.3400, 43.0426, 6.9725)

Have a look what the booklet for
XYZ(25.3400, 43.0426, 6.9725)
contains.

XYZ(25.3397, 43.0408, 6.9722)	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(25.3397, 43.0408,
6.9722)**

Conversions

Conversions Part 1

Format	Color
Hex	63C600
RGB	99, 198, 0
RGB Percent	39%, 78%, 0%
CMY	0.6118, 0.2235, 0.9999
CMYK	0.50, 0.00, 1.00, 0.22
HSL	90°, 100%, 39%
HSV	90°, 100%, 78%
XYZ	25.3397, 43.0408, 6.9722
YIQ	145.8270, 4.5540, -82.5660

Conversions

Conversions Part 2

Format	Color
RYB	0, 198, 99
Decimal	6538752
CIELab	71.58, -55.71, 70.99
CIELCh	72, 90.239, 128.122
Yxy	43.0408, 0.3363, 0.5712
Android (android.graphics.Color)	4284728832 (0xFF63C600)
YUV	145.8270, -71.8927, -41.0673
Hunter-Lab	65.6055, -45.8651, 39.6228

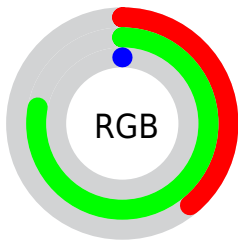
Details

The XYZ color **25.3397, 43.0408, 6.9722** 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 **15.3423, 6.7321, 53.9192**, and the grayscale version is **27.5368, 28.9709, 31.5493**.

A 20% lighter version of the original color is **51.5433, 79.4850, 20.4101**, and **10.3013, 19.8918, 3.2966** is the 20% darker color. If you saturate the color by 10%, you get **25.3393, 43.0419, 6.9724**, and if you desaturate by 10%, it is **26.6142, 43.6848, 7.6829**.

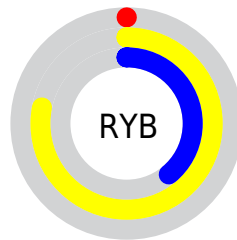
Distribution



Red (39%)

Green (78%)

Blue (0%)



Red (0%)

Yellow (78%)

Blue (39%)

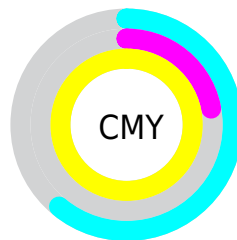


Cyan (50%)

Magenta (0%)

Yellow (100%)

Black (22%)



Cyan (61%)


Magenta (22%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.3397, 43.0408, 6.9722 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 25.3397, 43.0408, 6.9722 by changing the saturation by 10% instead.


 25.3397, 43.0408,
6.9722


 25.3397, 43.0408,
6.9722


271.8420,
358.7795, 177.0547


 16.4604, 29.9171,
3.3665


 51.6467, 79.7724,
20.4292

 9.9434, 19.7757,
1.2847


 69.8051, 104.1492,
31.1176

 5.4234, 12.2321,
0.0492


 91.7873, 133.0457,
45.0040

 2.5351, 6.9020,
0.0000

 117.9586,
166.8465, 62.5069

 0.9130, 3.4009,
0.0000

 148.6844,
205.9359, 84.0449

 0.0000, 1.3444,
0.0000

 184.3300,

 0.0000, 0.1752,

250.6982, 110.0365

0.0000

225.2607,
301.5180, 140.9002

■ 0.0000, 0.0000,
0.0000

■ 25.3397, 43.0408,
6.9722

■ 25.3397, 43.0408,
6.9722

■ 25.3393, 43.0419,
6.9724

■ 26.6142, 43.6848,
7.6829

■ 28.1524, 44.4486,
9.0698

■ 30.0039, 45.3542,
11.3685

■ 32.1963, 46.4129,
14.7018

■ 34.7531, 47.6347,
19.1735

■ 37.6955, 49.0284,
24.8746

■ 41.0426, 50.6021,
31.8872

■ 44.8122, 52.3634,
40.2859

■ 49.0208, 54.3193,
50.1401

Harmonies

Analogous

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



36.9027, 43.0408, 3.1924



25.3397, 43.0408, 6.9722



19.2779, 43.0408, 22.0110

Triad

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



25.3397, 43.0408, 6.9722



30.9222, 43.0408, 176.0574



77.3653, 43.0408, 35.9681

Complementary

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



25.3397, 43.0408, 6.9722



15.3423, 6.7321, 53.9192

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.



74.6174, 43.0408, 85.6601



25.3397, 43.0408, 6.9722



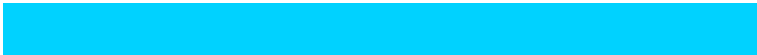
45.1952, 43.0408, 188.9459

Square

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



25.3397, 43.0408, 6.9722



21.8982, 43.0408, 120.2179



61.8232, 43.0408, 148.9018



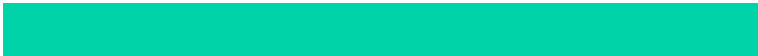
68.5996, 43.0408, 11.7789

Rectangle

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



25.3397, 43.0408, 6.9722



18.0357, 43.0408, 44.1644



61.8232, 43.0408, 148.9018



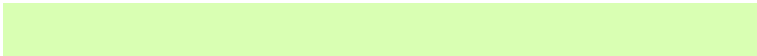
77.7920, 43.0408, 49.6717

Sweetspot

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



25.3407, 43.0426, 6.9731



72.3856, 89.4671, 55.8369



27.7530, 20.9326, 2.5783



14.9345, 18.8872, 10.7615



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.



25.3407, 43.0426, 6.9731



44.5844, 76.0692, 12.3330



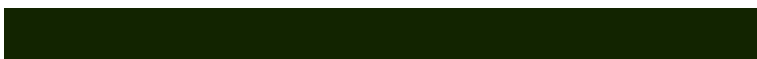
20.1954, 40.3902, 6.7324



10.9942, 12.1439, 11.3273



16.5767, 28.0409, 4.5388



0.8684, 1.3708, 0.2188

Inverse Universe

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



15.3423, 6.7321, 53.9192



26.8797, 11.7719, 95.4632



33.4835, 16.0842, 54.7682



10.5535, 10.5436, 13.3964



10.0748, 4.4280, 35.0680



0.5606, 0.2527, 1.6644

Previews

White Background



This preview shows how the XYZ color 25.3397, 43.0408, 6.9722 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 25.3397, 43.0408, 6.9722 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 25.3397, 43.0408, 6.9722

Background



This preview shows how black text looks on a background with the XYZ color 25.3397, 43.0408, 6.9722.



This preview shows how white text looks on a background with the XYZ color 25.3397, 43.0408,

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

25.3397, 43.0408, 6.9722

Protanopia

38.3559, 42.5303, 6.1876

Deuteranopia

43.0516, 42.1235, 7.8691



Tritanopia

35.9067, 42.7645, 60.3947

Trichromacy



Original Color

25.3397, 43.0408, 6.9722



Protanomaly

31.6314, 41.4440, 6.3323



Deuteranomaly

33.5768, 40.6284, 6.9921



Tritanomaly

29.2308, 41.6405, 26.5755

Monochromacy



Original Color

25.3397, 43.0408, 6.9722



Achromatopsia

27.3213, 28.7441, 31.3023



Achromatomaly

24.4842, 32.3677, 15.3131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3397, 43.0408, 6.9722 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(99, 198, 0)` looks like.

```
.text, #text, p{  
    color:rgb(99, 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(99, 198, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 198, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.3397, 43.0408, 6.9722 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(99, 198, 0) }
```


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

```
.border{ border-color:rgb(99, 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(99, 198, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 198, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 198, 0);  
box-shadow:4px 4px 4px 4px rgb(99, 198, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.3397, 43.0408, 6.9722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 198, 0) }
```

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

```
.background{ background-color: rgb(99, 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](#).

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