

Converting Colors

XYZ(25.3057, 39.6970, 8.3360)

Have a look what the booklet for
XYZ(25.3057, 39.6970, 8.3360)
contains.

XYZ(25.3057, 39.6970, 8.3360)	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(25.3057, 39.6970,
8.3360)**

Conversions

Conversions Part 1

Format	Color
Hex	72BC28
RGB	114, 188, 40
RGB Percent	45%, 74%, 16%
CMY	0.5529, 0.2627, 0.8431
CMYK	0.39, 0.00, 0.79, 0.26
HSL	90°, 65%, 45%
HSV	90°, 79%, 74%
XYZ	25.3057, 39.6970, 8.3360
YIQ	149.0020, 3.4040, -61.7160

Conversions

Conversions Part 2

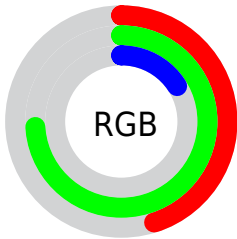
Format	Color
RYB	40, 188, 114
Decimal	7519272
CIELab	69.25, -45.81, 62.06
CIElCh	69, 77.140, 126.432
Yxy	39.6970, 0.3451, 0.5413
Android (android.graphics.Color)	4285709352 (0xFF72BC28)
YUV	149.0020, -53.7380, -30.6968
Hunter-Lab	63.0056, -38.5666, 36.2595

Details

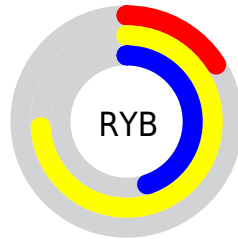
The XYZ color **25.3057, 39.6970, 8.3360** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **16.7772, 8.7271, 48.3793**, and the grayscale version is **28.7871, 30.2863, 32.9818**.

A 20% lighter version of the original color is **51.6516, 74.8446, 23.2794**, and **10.1560, 17.8909, 2.9180** is the 20% darker color. If you saturate the color by 10%, you get **23.9001, 39.0020, 6.9880**, and if you desaturate by 10%, it is **26.9943, 40.5224, 10.5103**.

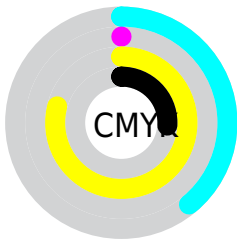
Distribution



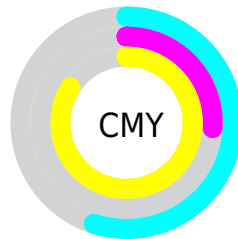
- Red (45%)
- Green (74%)
- Blue (16%)



- Red (16%)
- Yellow (74%)
- Blue (45%)



- Cyan (39%)
- Magenta (0%)
- Yellow (79%)
- Black (26%)





- Cyan (55%)
- Magenta (26%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.3057, 39.6970, 8.3360 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 25.3057, 39.6970, 8.3360 by changing the saturation by 10% instead.


 25.3057, 39.6970,
8.3360


 25.3057, 39.6970,
8.3360


271.6766,
344.8448, 188.3761


 16.4349, 27.3024,
4.2198


 51.5921, 74.7019,
23.1715

 9.9252, 17.8004,
1.7467


 69.7383, 98.0810,
34.7279


 5.4113, 10.8068,
0.3925


 91.7071, 125.8903,
49.6015

 2.5278, 5.9371,
0.0000

 117.8638,
158.5143, 68.2109

 0.9093, 2.8069,
0.0000

 148.5737,
196.3373, 90.9744

 0.0000, 1.0317,
0.0000

 184.2023,

 0.0000, 0.0000,

239.7439, 118.3108

0.0000

225.1148,
289.1182, 150.6385

■ 25.3057, 39.6970,
8.3360

■ 25.3057, 39.6970,
8.3360

■ 23.9001, 39.0020,
6.9880

■ 26.9943, 40.5224,
10.5103

■ 22.7372, 38.4169,
6.2859

■ 28.9867, 41.4829,
13.6133

■ 22.5997, 38.3475,
6.2107

■ 31.3043, 42.5888,
17.7355

■ 33.9653, 43.8478,
22.9557

■ 36.9865, 45.2670,
29.3452

■ 40.3833, 46.8529,
36.9692

■ 44.1701, 48.6116,
45.8880

■ 48.3606, 50.5489,
56.1581

■ 52.9677, 52.6703,
67.8325

Harmonies

Analogous

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



35.1312, 39.6970, 4.7354



25.3057, 39.6970, 8.3360



19.8731, 39.6970, 21.3237

Triad

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



25.3057, 39.6970, 8.3360



29.0051, 39.6970, 140.4134



66.6109, 39.6970, 36.0396

Complementary

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



25.3057, 39.6970, 8.3360



16.7772, 8.7271, 48.3793

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.



63.9698, 39.6970, 76.5423



25.3057, 39.6970, 8.3360



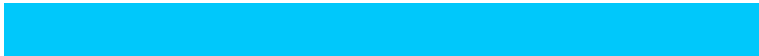
40.4556, 39.6970, 152.2427

Square

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



25.3057, 39.6970, 8.3360



21.6602, 39.6970, 97.5405



53.6743, 39.6970, 124.3476



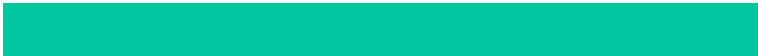
60.2593, 39.6970, 14.0968

Rectangle

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



25.3057, 39.6970, 8.3360



18.6370, 39.6970, 39.1247



53.6743, 39.6970, 124.3476



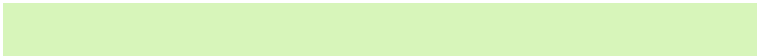
66.7622, 39.6970, 47.5986

Sweetspot

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



25.3066, 39.6987, 8.3369



69.6084, 83.2422, 58.8797



27.1409, 22.8808, 4.9940



14.5099, 17.6862, 11.6453



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



25.3066, 39.6987, 8.3369



41.8416, 69.9425, 11.7353



19.2424, 36.5725, 8.0531



9.8510, 10.8776, 10.1570



15.4721, 26.1521, 4.2324



0.6815, 1.0633, 0.1693

Inverse Universe

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



16.7772, 8.7271, 48.3793



25.7851, 11.6394, 87.1138



30.5765, 15.8408, 49.0251



9.4588, 9.4534, 11.9984



9.4092, 4.1367, 32.6954



0.4440, 0.2009, 1.2842

Previews

White Background



This preview shows how the XYZ color 25.3057, 39.6970, 8.3360 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 25.3057, 39.6970, 8.3360 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 25.3057, 39.6970, 8.3360

Background



This preview shows how black text looks on a background with the XYZ color 25.3057, 39.6970, 8.3360.



This preview shows how white text looks on a background with the XYZ color 25.3057, 39.6970,

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

25.3057, 39.6970, 8.3360

Protanopia

35.4776, 39.3161, 7.3090

Deuteranopia

40.0774, 39.2475, 8.8314



Tritanopia

34.3468, 39.4024, 53.9393

Trichromacy



Original Color

25.3057, 39.6970, 8.3360

Protanomaly

30.7596, 38.8656, 7.6309

Deuteranomaly

32.8127, 38.1930, 8.4389

Tritanomaly

29.4468, 38.9038, 28.8788

Monochromacy



Original Color

25.3057, 39.6970, 8.3360

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

26.0109, 32.5328, 19.3765

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3057, 39.6970, 8.3360 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(114, 188, 40)` looks like.

```
.text, #text, p{  
    color:rgb(114, 188, 40)  
}
```

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(114, 188, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 188, 40) }
```

Border

The CSS property to change the border of an element to XYZ 25.3057, 39.6970, 8.3360 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(114, 188, 40) }
```


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

```
.border{ border-color:rgb(114, 188, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 188, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 188, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 188, 40);  
box-shadow:4px 4px 4px 4px rgb(114, 188,  
40) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3057, 39.6970, 8.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 188, 40) }
```

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

```
.background{ background-color: rgb(114,  
188, 40) }
```

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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