

Converting Colors

XYZ(39.5523, 25.7460, 63.2714)

Have a look what the booklet for
XYZ(39.5523, 25.7460, 63.2714)
contains.

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Color

**XYZ(39.5237, 25.6692,
63.1931)**

Conversions

Conversions Part 1

Format	Color
Hex	C763D1
RGB	199, 99, 209
RGB Percent	78%, 39%, 82%
CMY	0.2196, 0.6117, 0.1804
CMYK	0.05, 0.53, 0.00, 0.18
HSL	295°, 54%, 60%
HSV	295°, 53%, 82%
XYZ	39.5237, 25.6692, 63.1931
YIQ	141.4400, 24.2900, 55.4100

Conversions

Conversions Part 2

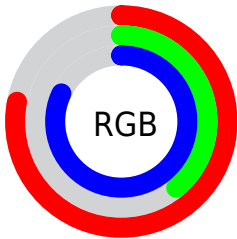
Format	Color
RYB	199, 99, 209
Decimal	13067217
CIELab	57.72, 55.44, -39.72
CIELCh	58, 68.197, 324.377
Yxy	25.6692, 0.3079, 0.1999
Android (android.graphics.Color)	4291257297 (0xFFC763D1)
YUV	141.4400, 33.3071, 50.4801
Hunter-Lab	50.6648, 50.5849, -38.4858

Details

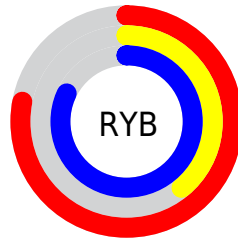
The XYZ color **39.5237, 25.6692, 63.1931** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **31.3599, 49.7535, 19.7560**, and the grayscale version is **25.3575, 26.6781, 29.0524**.

A 20% lighter version of the original color is **70.8456, 51.5912, 100.8319**, and **17.8887, 9.8852, 31.5371** is the 20% darker color. If you saturate the color by 10%, you get **37.2932, 21.9512, 62.5934**, and if you desaturate by 10%, it is **42.2746, 30.4173, 63.9650**.

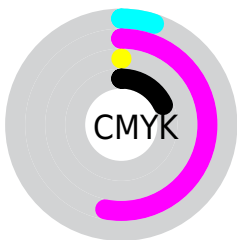
Distribution



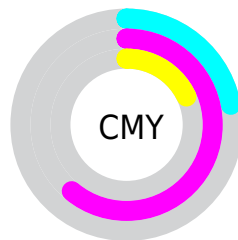
- Red (78%)
- Green (39%)
- Blue (82%)



- Red (78%)
- Yellow (39%)
- Blue (82%)



- Cyan (5%)
- Magenta (53%)
- Yellow (0%)
- Black (18%)



- Cyan (22%)
- Magenta (61%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5237, 25.6692, 63.1931 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 39.5237, 25.6692, 63.1931 by changing the saturation by 10% instead.

39.5237, 25.6692,
63.1931

39.5237, 25.6692,
63.1931

335.2809,
281.1544, 454.3972

27.3499, 16.5763,
45.5554

73.7266, 52.7408,
111.0363

17.9741, 9.9329,
31.5490

96.4865, 71.4883,
142.0789

11.0310, 5.3545,
20.7553

123.5058, 94.2229,
178.4270

6.1551, 2.4567,
12.7558

155.1499,
121.3288, 220.4990

2.9812, 0.8548,
7.1318

191.7840,
153.1905, 268.7134

1.1438, 0.0000,
3.4650

233.7737,

0.0613, 0.0000,

190.1924, 323.4889

1.3367

281.4842,
232.7189, 385.2440

■ 0.0000, 0.0000,
0.0916

■ 0.0000, 0.0000,
0.0000

■ 39.5237, 25.6692,
63.1931

■ 39.5237, 25.6692,
63.1931

■ 37.2932, 21.9512,
62.5934

■ 42.2746, 30.4173,
63.9650

■ 35.5399, 19.1790,
62.1507


■ 45.5793, 36.2642,
64.9194


■ 34.2183, 17.2610,
61.8501


■ 49.4715, 43.2768,
66.0678


■ 33.2726, 16.0853,
61.6731


■ 53.9815, 51.5155,
67.4203


 32.7445, 15.5509,
61.5978

 59.1375, 61.0366,
68.9863

 64.9658, 71.8930,
70.7746

 71.4914, 84.1345,
72.7935

 75.0588, 90.4498,
73.8245

 75.6172, 90.7377,
73.8506

Harmonies

Analogous

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



31.4726, 25.6692, 92.2131



39.5237, 25.6692, 63.1931



43.6070, 25.6692, 32.5927

Triad

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



39.5237, 25.6692, 63.1931



25.9694, 25.6692, 2.8292



12.7046, 25.6692, 50.9333

Complementary

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



39.5237, 25.6692, 63.1931



31.3599, 49.7535, 19.7560

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.



11.8663, 25.6692, 23.7694



39.5237, 25.6692, 63.1931



18.4716, 25.6692, 3.7360

Square

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



39.5237, 25.6692, 63.1931



34.7383, 25.6692, 5.0108



13.7270, 25.6692, 9.0822



16.3446, 25.6692, 82.7858

Rectangle

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



39.5237, 25.6692, 63.1931



42.9966, 25.6692, 18.2008



13.7270, 25.6692, 9.0822



12.1256, 25.6692, 40.6745

Sweetspot

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



39.5246, 25.6703, 63.1936



82.0359, 75.9778, 104.9492



22.2311, 18.4090, 62.7035



17.2421, 15.6831, 22.3683



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.



39.5246, 25.6703, 63.1936



58.1540, 33.8826, 98.0827



37.5486, 25.1965, 38.4827



12.2004, 11.9522, 14.9076



20.2330, 9.6108, 37.9812



1.1630, 0.5537, 2.1251

Inverse Universe

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



33.5174, 23.5840, 17.2544



48.0317, 30.4309, 17.7969



32.9048, 50.2373, 33.9502



11.8518, 11.8254, 12.4952



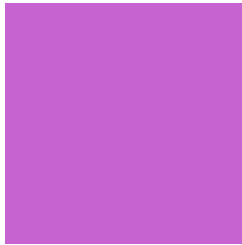
16.3008, 8.3931, 1.2241



0.9268, 0.4754, 0.1494

Previews

White Background



This preview shows how the XYZ color 39.5237, 25.6692, 63.1931 looks on a white background.

Color Contrast Check

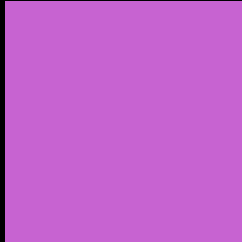
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.5237, 25.6692, 63.1931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

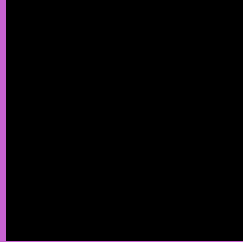
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.5237, 25.6692, 63.1931

Background



This preview shows how black text looks on a background with the XYZ color 39.5237, 25.6692, 63.1931.



This preview shows how white text looks on a background with the XYZ color 39.5237, 25.6692,

63.1931.

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

39.5237, 25.6692, 63.1931

Protanopia

29.0950, 26.2345, 86.7494

Deuteranopia

26.5592, 25.9519, 59.4865



Tritanopia

31.4794, 25.5710, 23.6986

Trichromacy



Original Color

39.5237, 25.6692, 63.1931



Protanomaly

30.5859, 24.6484, 77.2743



Deuteranomaly

29.7287, 24.7524, 60.9684



Tritanomaly

33.8723, 25.3601, 35.0080

Monochromacy



Original Color

39.5237, 25.6692, 63.1931



Achromatopsia

25.3171, 26.6356, 29.0061



Achromatomaly

29.2441, 25.3563, 39.4293

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5237, 25.6692, 63.1931 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(199, 99, 209)` looks like.

```
.text, #text, p{  
    color:rgb(199, 99, 209)  
}
```

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(199, 99, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 99, 209) }
```

Border

The CSS property to change the border of an element to XYZ 39.5237, 25.6692, 63.1931 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(199, 99, 209) }
```


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

```
.border{ border-color:rgb(199, 99, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 99, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 99, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 99, 209); box-shadow:4px 4px 4px 4px rgb(199, 99, 209) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5237, 25.6692, 63.1931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 99, 209) }
```

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

```
.background{ background-color: rgb(199, 99,  
209) }
```

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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