

Converting Colors

XYZ(39.2873, 21.5315, 61.9818)

Have a look what the booklet for
XYZ(39.2873, 21.5315, 61.9818)
contains.

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Color

**XYZ(39.1751, 21.5190,
61.7633)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D03FD0 |
| RGB | 208, 63, 208 |
| RGB Percent | 82%, 25%, 82% |
| CMY | 0.1843, 0.7529, 0.1843 |
| CMYK | 0.00, 0.70, 0.00, 0.18 |
| HSL | 300°, 61%, 53% |
| HSV | 300°, 70%, 82% |
| XYZ | 39.1751, 21.5190, 61.7633 |
| YIQ | 122.8850, 39.8750, 75.8350 |

Conversions

Conversions Part 2

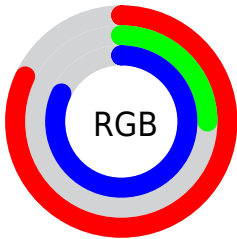
| Format | Color |
|-------------------------------------|--|
| RYB | 208, 63, 208 |
| Decimal | 13647824 |
| CIELab | 53.51, 72.48, -45.71 |
| CIElCh | 54, 85.686, 327.761 |
| Yxy | 21.5190, 0.3199, 0.1757 |
| Android (android.graphics.Color) | 4291837904 (0xFFD03FD0) |
| YUV | 122.8850, 41.9617, 74.6459 |
| Hunter-Lab | 46.3886, 69.5630, -46.4687 |

Details

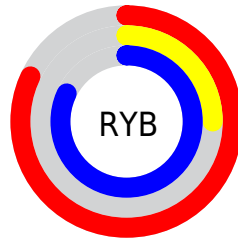
The XYZ color **39.1751, 21.5190, 61.7633** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **25.5040, 46.5284, 12.3405**, and the grayscale version is **18.6472, 19.6183, 21.3643**.

A 20% lighter version of the original color is **66.3730, 42.6459, 99.3410**, and **18.3274, 8.7839, 30.8665** is the 20% darker color. If you saturate the color by 10%, you get **38.2333, 19.6348, 61.4495**, and if you desaturate by 10%, it is **40.5534, 24.2750, 62.2230**.

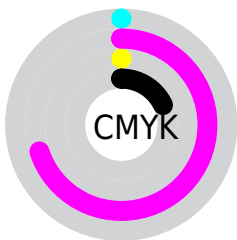
Distribution



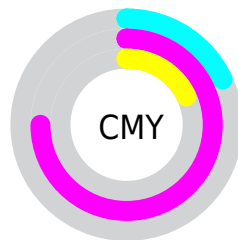
- Red (82%)
- Green (25%)
- Blue (82%)



- Red (82%)
- Yellow (25%)
- Blue (82%)



- Cyan (0%)
- Magenta (70%)
- Yellow (0%)
- Black (18%)





- Cyan (18%)
- Magenta (75%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.1751, 21.5190, 61.7633 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 39.1751, 21.5190, 61.7633 by changing the saturation by 10% instead.

 39.1751, 21.5190,
61.7633


 39.1751, 21.5190,
61.7633

333.8287,
260.0240, 449.0510


 27.0773, 13.5039,
44.4069


 73.1981, 45.9497,
108.9516


 17.7682, 7.7764,
30.6510


 95.8540, 63.1341,
139.6207


 10.8824, 3.9522,
20.0770


 122.7600, 84.1437,
175.5643

 6.0545, 1.6469,
12.2664

 154.2814,
109.3630, 217.2012

 2.9192, 0.3889,
6.8006

 190.7837,
139.1762, 264.9497

 1.1112, 0.0000,
3.2612

232.6321,

 0.0344, 0.0000,

173.9679, 319.2285

1.2295

280.1920,
214.1223, 380.4561

■ 0.0000, 0.0000,
0.0029

■ 0.0000, 0.0000,
0.0000

■ 39.1751, 21.5190,
61.7633

■ 39.1751, 21.5190,
61.7633

■ 38.2333, 19.6348,
61.4495

■ 40.5534, 24.2750,
62.2230

■ 37.6737, 18.5156,
61.2628

■ 42.4097, 27.9876,
62.8418

■ 37.4046, 17.9773,
61.1730

■ 44.7834, 32.7348,
63.6331

■ 37.3980, 17.9642,
61.1708

■ 47.7090, 38.5861,
64.6084

■ 51.2183, 45.6045,
65.7783

■ 55.3403, 53.8487,
67.1524

■ 60.1026, 63.3731,
68.7399

■ 65.5306, 74.2290,
70.5493

■ 71.6486, 86.4650,
72.5887

Harmonies

Analogous

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



29.7636, 21.5190, 101.9685



39.1751, 21.5190, 61.7633



43.4752, 21.5190, 25.4491

Triad

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



39.1751, 21.5190, 61.7633



21.1464, 21.5190, 0.4644



8.5234, 21.5190, 55.4990

Complementary

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



39.1751, 21.5190, 61.7633



25.5040, 46.5284, 12.3405

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.



7.4523, 21.5190, 21.5216



39.1751, 21.5190, 61.7633



13.3202, 21.5190, 1.1615

Square

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



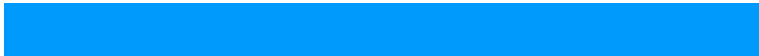
39.1751, 21.5190, 61.7633



31.3146, 21.5190, 1.4470



8.9116, 21.5190, 5.5467



12.4478, 21.5190, 96.8243

Rectangle

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



39.1751, 21.5190, 61.7633



42.1288, 21.5190, 11.2007



8.9116, 21.5190, 5.5467



7.8801, 21.5190, 42.3472

Sweetspot

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



39.1759, 21.5200, 61.7637



80.2816, 70.4634, 103.9769



15.2136, 9.1669, 60.6429



16.8392, 14.3934, 22.1405



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.



39.1759, 21.5200, 61.7637



60.0758, 30.0520, 97.2408



32.1995, 18.7294, 25.0263



12.3109, 12.0091, 14.9128



23.3082, 11.1961, 38.1245



1.3032, 0.6260, 2.1317

Inverse Universe

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



39.1759, 21.5200, 61.7637



60.0758, 30.0520, 97.2408



29.0153, 47.9329, 30.8310



12.3109, 12.0091, 14.9128



23.3082, 11.1961, 38.1245



1.3032, 0.6260, 2.1317

Previews

White Background



This preview shows how the XYZ color 39.1751, 21.5190, 61.7633 looks on a white background.

Color Contrast Check

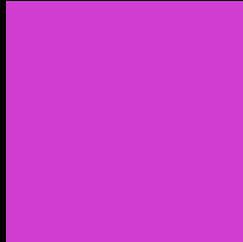
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.1751, 21.5190, 61.7633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

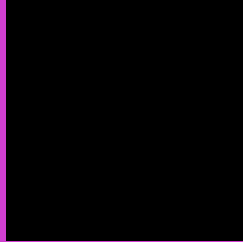
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.1751, 21.5190, 61.7633

Background



This preview shows how black text looks on a background with the XYZ color 39.1751, 21.5190, 61.7633.



This preview shows how white text looks on a background with the XYZ color 39.1751, 21.5190,

61.7633.

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

39.1751, 21.5190, 61.7633

Protanopia

26.2125, 22.1275, 97.4972

Deuteranopia

22.4264, 21.8427, 56.4601



Tritanopia

29.6313, 21.4706, 15.6792

Trichromacy



Original Color

39.1751, 21.5190, 61.7633



Protanomaly

25.6635, 18.5006, 83.1073



Deuteranomaly

25.6027, 19.3158, 58.2560



Tritanomaly

31.9504, 20.7294, 27.9084

Monochromacy



Original Color

39.1751, 21.5190, 61.7633



Achromatopsia

18.8265, 19.8069, 21.5697



Achromatomaly

23.8128, 18.5105, 32.8897

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1751, 21.5190, 61.7633 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(208, 63, 208)` looks like.

```
.text, #text, p{  
    color:rgb(208, 63, 208)  
}
```

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(208, 63, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 63, 208) }
```

Border

The CSS property to change the border of an element to XYZ 39.1751, 21.5190, 61.7633 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(208, 63, 208) }
```


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

```
.border{ border-color:rgb(208, 63, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 63, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 63, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 63, 208);  
box-shadow:4px 4px 4px 4px rgb(208, 63,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1751, 21.5190, 61.7633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 63, 208) }
```

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

```
.background{ background-color: rgb(208, 63,  
208) }
```

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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