

Converting Colors

XYZ(39.3499, 20.3143, 58.2407)

Have a look what the booklet for
XYZ(39.3499, 20.3143, 58.2407)
contains.

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Color

**XYZ(39.3749, 20.3357,
58.3498)**

Conversions

Conversions Part 1

Format	Color
Hex	D62BCB
RGB	214, 43, 203
RGB Percent	84%, 17%, 80%
CMY	0.1608, 0.8313, 0.2039
CMYK	0.00, 0.80, 0.05, 0.16
HSL	304°, 68%, 50%
HSV	304°, 80%, 84%
XYZ	39.3749, 20.3357, 58.3498
YIQ	112.3690, 50.5560, 86.0120

Conversions

Conversions Part 2

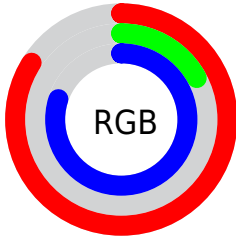
Format	Color
RYB	214, 43, 203
Decimal	14035915
CIELab	52.21, 78.70, -44.84
CIElCh	52, 90.581, 330.329
Yxy	20.3357, 0.3335, 0.1722
Android (android.graphics.Color)	4292225995 (0xFFD62BCB)
YUV	112.3690, 44.6811, 89.1304
Hunter-Lab	45.0951, 76.9412, -45.1504

Details

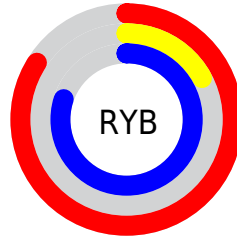
The XYZ color **39.3749, 20.3357, 58.3498** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light washed magenta. A complement of this color would be **25.7097, 48.8739, 11.5700**, and the grayscale version is **15.3736, 16.1742, 17.6137**.

A 20% lighter version of the original color is **64.8659, 39.6319, 98.8386**, and **18.8629, 9.1067, 28.7806** is the 20% darker color. If you saturate the color by 10%, you get **38.6275, 19.1018, 57.2949**, and if you desaturate by 10%, it is **40.5329, 22.3874, 59.5491**.

Distribution



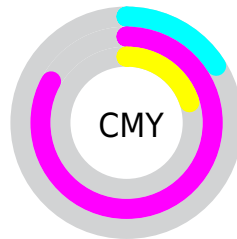
- Red (84%)
- Green (17%)
- Blue (80%)



- Red (84%)
- Yellow (17%)
- Blue (80%)



- Cyan (0%)
- Magenta (80%)
- Yellow (5%)
- Black (16%)





- Cyan (16%)
- Magenta (83%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.3749, 20.3357, 58.3498 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 39.3749, 20.3357, 58.3498 by changing the saturation by 10% instead.

 39.3749, 20.3357,
58.3498


 39.3749, 20.3357,
58.3498


334.6616,
253.7267, 436.1227


 27.2335, 12.6393,
41.6734


 73.5011, 43.9793,
103.9519

 17.8862, 7.1806,
28.5220


 96.2166, 60.6953,
133.7146


 10.9675, 3.5753,
18.4770


 123.1876, 81.1866,
168.6765

 6.1121, 1.4390,
11.1200

 154.7794,
105.8376, 209.2562

 2.9547, 0.2452,
6.0324

 191.3573,
135.0327, 255.8720

 1.1298, 0.0000,
2.7957

233.2868,

 0.0499, 0.0000,

169.1564, 308.9427

0.9913

280.9331,
208.5929, 368.8868

■ 0.0000, 0.0000,
0.0000

■ 39.3749, 20.3357,
58.3498

■ 39.3749, 20.3357,
58.3498

■ 38.6275, 19.1018,
57.2949

■ 40.5329, 22.3874,
59.5491

■ 38.1884, 18.4826,
56.3497

■ 42.1553, 25.3660,
60.9102

■ 38.1845, 18.4773,
56.3406

■ 44.2901, 29.3672,
62.4494

■ 46.9787, 34.4737,
64.1804

■ 50.2585, 40.7600,
66.1158

■ 54.1633, 48.2941,
68.2667

■ 58.7245, 57.1388,
70.6438

■ 63.9715, 67.3525,
73.2568

■ 69.9318, 78.9904,
76.1148

Harmonies

Analogous

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



29.8247, 20.3357, 102.1596



39.3749, 20.3357, 58.3498



43.2597, 20.3357, 21.8501

Triad

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



39.3749, 20.3357, 58.3498



19.2262, 20.3357, 0.0000



7.6463, 20.3357, 59.3246

Complementary

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



39.3749, 20.3357, 58.3498



25.7097, 48.8739, 11.5700

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.



6.4032, 20.3357, 22.4368



39.3749, 20.3357, 58.3498



11.6386, 20.3357, 0.8278

Square

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



39.3749, 20.3357, 58.3498



29.5884, 20.3357, 0.7915



7.5912, 20.3357, 5.2451



11.7656, 20.3357, 102.9748

Rectangle

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



39.3749, 20.3357, 58.3498



41.3842, 20.3357, 8.7004



7.5912, 20.3357, 5.2451



6.9507, 20.3357, 45.0945

Sweetspot

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



39.3757, 20.3367, 58.3502



77.9098, 66.7236, 100.0913



14.3957, 7.3021, 64.2697



16.2371, 13.4355, 21.1802



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.



39.3757, 20.3367, 58.3502



56.9678, 27.7283, 84.2053



31.9837, 17.3799, 19.4244



12.9169, 12.6183, 15.5028



23.0947, 11.1742, 34.1324



1.4036, 0.6782, 2.1148

Inverse Universe

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



39.3757, 20.3367, 58.3502



56.9678, 27.7283, 84.2053



29.5629, 50.4152, 31.8608



12.9169, 12.6183, 15.5028



23.0947, 11.1742, 34.1324



1.4036, 0.6782, 2.1148

Previews

White Background



This preview shows how the XYZ color 39.3749, 20.3357, 58.3498 looks on a white background.

Color Contrast Check

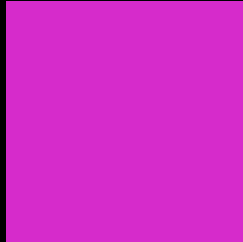
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.3749, 20.3357, 58.3498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

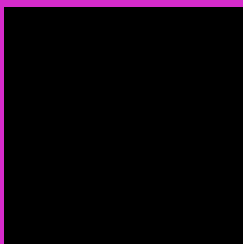
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.3749, 20.3357, 58.3498

Background



This preview shows how black text looks on a background with the XYZ color 39.3749, 20.3357, 58.3498.



This preview shows how white text looks on a background with the XYZ color 39.3749, 20.3357,

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

39.3749, 20.3357, 58.3498

Protanopia

25.1368, 21.0233, 97.3408

Deuteranopia

21.2617, 20.7483, 52.7534



Tritanopia

30.0126, 20.3032, 12.6930

Trichromacy



Original Color

39.3749, 20.3357, 58.3498



Protanomaly

23.1745, 16.0087, 81.2254



Deuteranomaly

24.2094, 17.4042, 54.3079



Tritanomaly

32.2190, 19.4653, 24.2494

Monochromacy



Original Color

39.3749, 20.3357, 58.3498



Achromatopsia

15.4009, 16.2029, 17.6450



Achromatomaly

20.9135, 15.2503, 28.6294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3749, 20.3357, 58.3498 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(214, 43, 203) looks like.

```
.text, #text, p{  
    color:rgb(214, 43, 203)  
}
```

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(214, 43, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 43, 203) }
```

Border

The CSS property to change the border of an element to XYZ 39.3749, 20.3357, 58.3498 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(214, 43, 203) }
```


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

```
.border{ border-color:rgb(214, 43, 203) }
```

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

Here you see how a box with a 4 pixel rgb(214, 43, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 43, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 43, 203);  
box-shadow:4px 4px 4px 4px rgb(214, 43,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3749, 20.3357, 58.3498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 43, 203) }
```

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

```
.background{ background-color: rgb(214, 43,  
203) }
```

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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