

Converting Colors

XYZ(39.0664, 21.3851, 55.0869)

Have a look what the booklet for
XYZ(39.0664, 21.3851, 55.0869)
contains.

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Color

**XYZ(39.1345, 21.4091,
54.8931)**

Conversions

Conversions Part 1

Format	Color
Hex	D53CC5
RGB	213, 60, 197
RGB Percent	84%, 24%, 77%
CMY	0.1647, 0.7647, 0.2274
CMYK	0.00, 0.72, 0.08, 0.16
HSL	306°, 65%, 54%
HSV	306°, 72%, 84%
XYZ	39.1345, 21.4091, 54.8931
YIQ	121.3650, 47.2110, 75.0430

Conversions

Conversions Part 2

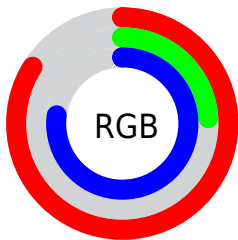
Format	Color
R _{YB}	213, 60, 197
Decimal	13974725
CIE _{Lab}	53.39, 72.86, -39.53
CIE _{LCh}	53, 82.893, 331.516
Y _{xy}	21.4091, 0.3390, 0.1855
Android (android.graphics.Color)	4292164805 (0xFFD53CC5)
YUV	121.3650, 37.2881, 80.3639
Hunter-Lab	46.2700, 70.0004, -37.9506

Details

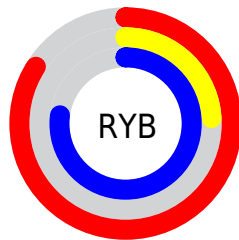
The XYZ color **39.1345, 21.4091, 54.8931** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **26.9633, 49.0719, 14.8898**, and the grayscale version is **18.1657, 19.1118, 20.8127**.

A 20% lighter version of the original color is **65.9668, 42.0905, 98.4134**, and **18.2844, 8.8532, 26.7317** is the 20% darker color. If you saturate the color by 10%, you get **37.9815, 19.5081, 53.2588**, and if you desaturate by 10%, it is **40.7416, 24.2112, 56.6977**.

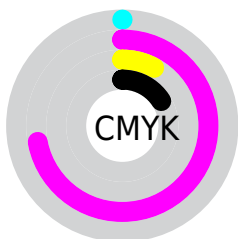
Distribution



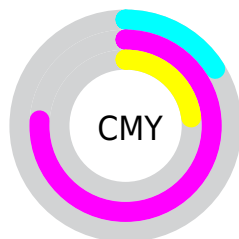
- Red (84%)
- Green (24%)
- Blue (77%)



- Red (84%)
- Yellow (24%)
- Blue (77%)



- Cyan (0%)
- Magenta (72%)
- Yellow (8%)
- Black (16%)





- Cyan (16%)
- Magenta (76%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.1345, 21.4091, 54.8931 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 39.1345, 21.4091, 54.8931 by changing the saturation by 10% instead.

 39.1345, 21.4091,
54.8931


 39.1345, 21.4091,
54.8931


333.6593,
259.4447, 422.7771


 27.0456, 13.4234,
38.9181


 73.1365, 45.7674,
98.8539


 17.7442, 7.7207,
26.3887


 95.7803, 62.9088,
127.6768

 10.8651, 3.9168,
16.8863


 122.6731, 83.8708,
161.6194

 6.0428, 1.6271,
9.9923

 154.1802,
109.0379, 201.1003

 2.9120, 0.3758,
5.2883

 190.6670,
138.7944, 246.5379

 1.1074, 0.0000,
2.3557

232.4989,

 0.0313, 0.0000,

173.5248, 298.3509

0.7622

280.0412,
213.6134, 356.9578

■ 0.0000, 0.0000,
0.0000

■ 39.1345, 21.4091,
54.8931

■ 39.1345, 21.4091,
54.8931

■ 37.9815, 19.5081,
53.2588

■ 40.7416, 24.2112,
56.6977

■ 37.2227, 18.3900,
51.7742


■ 42.8486, 28.0076,
58.6875


■ 36.8146, 17.8958,
50.6453


■ 45.4982, 32.8832,
60.8769


■ 48.7280, 38.9129,
63.2786

■ 52.5720, 46.1650,
65.9039

 57.0619, 54.7026,
68.7635

 62.2269, 64.5843,
71.8673

 68.0945, 75.8651,
75.2244

 74.6909, 88.5970,
78.8436

Harmonies

Analogous

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



30.5352, 21.4091, 93.8124



39.1345, 21.4091, 54.8931



42.3780, 21.4091, 22.0523

Triad

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



39.1345, 21.4091, 54.8931



19.9044, 21.4091, 0.6429



9.0655, 21.4091, 58.9177

Complementary

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



39.1345, 21.4091, 54.8931



26.9633, 49.0719, 14.8898

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.



7.6895, 21.4091, 24.6165



39.1345, 21.4091, 54.8931



12.7245, 21.4091, 1.5993

Square

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



39.1345, 21.4091, 54.8931



29.5302, 21.4091, 1.3939



8.8069, 21.4091, 6.9981



13.2999, 21.4091, 97.0934

Rectangle

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



39.1345, 21.4091, 54.8931



40.4937, 21.4091, 9.6738



8.8069, 21.4091, 6.9981



8.3190, 21.4091, 45.9786

Sweetspot

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



39.1353, 21.4101, 54.8935



78.7600, 68.9087, 98.8808



16.5524, 9.5450, 63.9215



16.5011, 14.0744, 20.9267



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.



39.1353, 21.4101, 54.8935



56.4365, 28.3335, 78.8865



32.5210, 18.7644, 20.0631



12.8945, 12.6093, 15.3844



22.5102, 10.9404, 31.0544



1.3742, 0.6665, 1.9597

Inverse Universe

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



39.1353, 21.4101, 54.8935



56.4365, 28.3335, 78.8865



31.3100, 50.8105, 37.7789



12.8945, 12.6093, 15.3844



22.5102, 10.9404, 31.0544



1.3742, 0.6665, 1.9597

Previews

White Background



This preview shows how the XYZ color 39.1345, 21.4091, 54.8931 looks on a white background.

Color Contrast Check

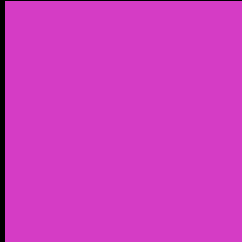
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.1345, 21.4091, 54.8931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

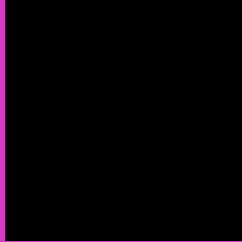
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.1345, 21.4091, 54.8931

Background



This preview shows how black text looks on a background with the XYZ color 39.1345, 21.4091, 54.8931.



This preview shows how white text looks on a background with the XYZ color 39.1345, 21.4091,

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

39.1345, 21.4091, 54.8931

Protanopia

26.1358, 22.1065, 96.6554

Deuteranopia

22.1525, 21.6502, 50.0250



Tritanopia

30.7951, 21.4261, 14.3169

Trichromacy



Original Color

39.1345, 21.4091, 54.8931



Protanomaly

25.1874, 18.1938, 79.2750



Deuteranomaly

25.5819, 19.3017, 51.6675



Tritanomaly

33.0477, 20.8995, 25.2139

Monochromacy



Original Color

39.1345, 21.4091, 54.8931



Achromatopsia

18.1737, 19.1202, 20.8219



Achromatomaly

23.2131, 17.9636, 30.6776

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1345, 21.4091, 54.8931 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(213, 60, 197)` looks like.

```
.text, #text, p{  
    color:rgb(213, 60, 197)  
}
```

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(213, 60, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 60, 197) }
```

Border

The CSS property to change the border of an element to XYZ 39.1345, 21.4091, 54.8931 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(213, 60, 197) }
```


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

```
.border{ border-color:rgb(213, 60, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 60, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 60, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 60, 197);  
box-shadow:4px 4px 4px 4px rgb(213, 60,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1345, 21.4091, 54.8931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 60, 197) }
```

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

```
.background{ background-color: rgb(213, 60,  
197) }
```

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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