

Converting Colors

XYZ(39.4624, 20.2825, 52.0248)

Have a look what the booklet for
XYZ(39.4624, 20.2825, 52.0248)
contains.

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Color

**XYZ(39.5322, 20.2966,
52.2861)**

Conversions

Conversions Part 1

Format	Color
Hex	DB26C1
RGB	219, 38, 193
RGB Percent	86%, 15%, 76%
CMY	0.1412, 0.8509, 0.2431
CMYK	0.00, 0.83, 0.12, 0.14
HSL	309°, 72%, 50%
HSV	309°, 83%, 86%
XYZ	39.5322, 20.2966, 52.2861
YIQ	109.7890, 58.1210, 86.5770

Conversions

Conversions Part 2

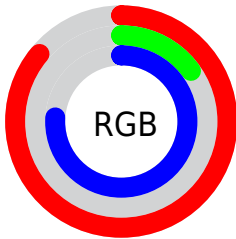
Format	Color
R _{YB}	219, 38, 193
Decimal	14362305
CIE _{Lab}	52.17, 79.39, -39.08
CIE _{LCh}	52, 88.486, 333.790
Yxy	20.2966, 0.3526, 0.1810
Android (android.graphics.Color)	4292552385 (0xFFDB26C1)
YUV	109.7890, 41.0230, 95.7780
Hunter-Lab	45.0517, 77.7904, -37.2745

Details

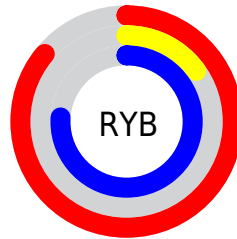
The XYZ color **39.5322, 20.2966, 52.2861** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light washed magenta. A complement of this color would be **27.0574, 51.4462, 13.3567**, and the grayscale version is **14.6375, 15.3998, 16.7704**.

A 20% lighter version of the original color is **63.8579, 38.8873, 94.5828**, and **18.9583, 9.2350, 25.2094** is the 20% darker color. If you saturate the color by 10%, you get **38.6790, 19.1455, 50.2885**, and if you desaturate by 10%, it is **40.8056, 22.2751, 54.4609**.

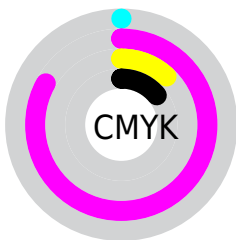
Distribution



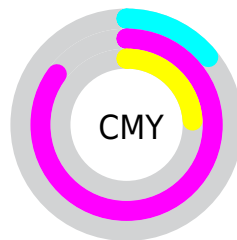
- Red (86%)
- Green (15%)
- Blue (76%)



- Red (86%)
- Yellow (15%)
- Blue (76%)



- Cyan (0%)
- Magenta (83%)
- Yellow (12%)
- Black (14%)



- Cyan (14%)
- Magenta (85%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5322, 20.2966, 52.2861 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 39.5322, 20.2966, 52.2861 by changing the saturation by 10% instead.

39.5322, 20.2966,
52.2861

39.5322, 20.2966,
52.2861

335.3162,
253.5163, 412.5285

27.3566, 12.6108,
36.8494

73.7395, 43.9139,
94.9839

17.9792, 7.1611,
24.7960

96.5019, 60.6142,
123.0821

11.0346, 3.5631,
15.7075

123.5240, 81.0882,
156.2378

6.1576, 1.4323,
9.1653

155.1710,
105.7201, 194.8696

2.9827, 0.2403,
4.7509

191.8084,
134.8946, 239.3960

1.1446, 0.0000,
2.0457

233.8015,

0.0620, 0.0000,

168.9958, 290.2356

0.5832

281.5157,
208.4082, 347.8069

■ 0.0000, 0.0000,
0.0000

■ 39.5322, 20.2966,
52.2861

■ 39.5322, 20.2966,
52.2861

■ 38.6790, 19.1455,
50.2885

■ 40.8056, 22.2751,
54.4609

■ 38.2412, 18.6712,
48.9053

■ 42.5598, 25.2039,
56.8329

■ 44.8480, 29.1885,
59.4201

■ 47.7156, 34.3196,
62.2380

■ 51.2030, 40.6782,
65.3002

■ 55.3471, 48.3379,
68.6193

■ 60.1820, 57.3667,
72.2068

■ 65.7391, 67.8277,
76.0734

■ 72.0482, 79.7800,
80.2292

Harmonies

Analogous

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



30.6978, 20.2966, 94.9471



39.5322, 20.2966, 52.2861



42.4297, 20.2966, 18.9618

Triad

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



39.5322, 20.2966, 52.2861



18.1621, 20.2966, 0.1159



8.1298, 20.2966, 63.1027

Complementary

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



39.5322, 20.2966, 52.2861



27.0574, 51.4462, 13.3567

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.



6.6034, 20.2966, 25.5656



39.5322, 20.2966, 52.2861



11.1314, 20.2966, 1.1592

Square

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



39.5322, 20.2966, 52.2861



28.0577, 20.2966, 0.7384



7.4993, 20.2966, 6.5726



12.5724, 20.2966, 103.9359

Rectangle

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



39.5322, 20.2966, 52.2861



40.0362, 20.2966, 7.4611



7.4993, 20.2966, 6.5726



7.3348, 20.2966, 48.9667

Sweetspot

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



39.5329, 20.2976, 52.2865



76.5356, 65.2748, 95.6269



15.4756, 7.5305, 67.6564



15.9334, 13.1422, 20.1109



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.



39.5329, 20.2976, 52.2865



54.0187, 26.4158, 69.0853



32.4251, 17.4545, 14.8571



13.5298, 13.2410, 16.0509



22.7063, 11.0836, 29.1631



1.4935, 0.7270, 2.0078

Inverse Universe

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



39.5329, 20.2976, 52.2865



54.0187, 26.4158, 69.0853



31.8516, 53.3639, 38.6024



13.5298, 13.2410, 16.0509



22.7063, 11.0836, 29.1631



1.4935, 0.7270, 2.0078

Previews

White Background



This preview shows how the XYZ color 39.5322, 20.2966, 52.2861 looks on a white background.

Color Contrast Check

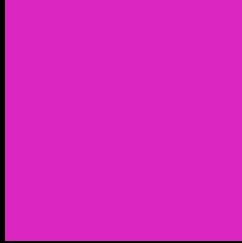
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.5322, 20.2966, 52.2861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

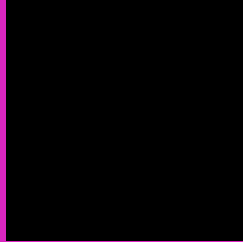
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.5322, 20.2966, 52.2861

Background



This preview shows how black text looks on a background with the XYZ color 39.5322, 20.2966, 52.2861.



This preview shows how white text looks on a background with the XYZ color 39.5322, 20.2966,

52.2861.

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

39.5322, 20.2966, 52.2861

Protanopia

25.1559, 21.0332, 97.3417

Deuteranopia

21.1306, 20.6175, 47.1218



Tritanopia

31.0321, 20.2780, 11.2953

Trichromacy



Original Color

39.5322, 20.2966, 52.2861



Protanomaly

22.7202, 15.5837, 78.1544



Deuteranomaly

24.4543, 17.3936, 48.5228



Tritanomaly

33.1547, 19.5489, 21.7645

Monochromacy



Original Color

39.5322, 20.2966, 52.2861



Achromatopsia

14.8208, 15.5926, 16.9804



Achromatomaly

20.4816, 14.7181, 26.5723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5322, 20.2966, 52.2861 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(219, 38, 193)` looks like.

```
.text, #text, p{  
    color:rgb(219, 38, 193)  
}
```

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(219, 38, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 38, 193) }
```

Border

The CSS property to change the border of an element to XYZ 39.5322, 20.2966, 52.2861 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(219, 38, 193) }
```


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

```
.border{ border-color:rgb(219, 38, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 38, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 38, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 38, 193);  
box-shadow:4px 4px 4px 4px rgb(219, 38,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5322, 20.2966, 52.2861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 38, 193) }
```

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

```
.background{ background-color: rgb(219, 38,  
193) }
```

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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