

Converting Colors

XYZ(39.6991, 24.1967, 52.5944)

Have a look what the booklet for
XYZ(39.6991, 24.1967, 52.5944)
contains.

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Color

**XYZ(39.6269, 24.1517,
52.4423)**

Conversions

Conversions Part 1

Format	Color
Hex	D355C0
RGB	211, 85, 192
RGB Percent	83%, 33%, 75%
CMY	0.1725, 0.6666, 0.2471
CMYK	0.00, 0.60, 0.09, 0.17
HSL	309°, 59%, 58%
HSV	309°, 60%, 83%
XYZ	39.6269, 24.1517, 52.4423
YIQ	134.8720, 40.7490, 59.9890

Conversions

Conversions Part 2

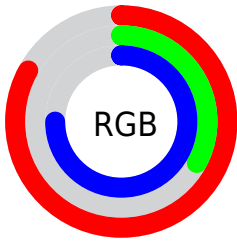
Format	Color
R _Y B	211, 85, 192
Decimal	13850048
CIE Lab	56.24, 62.15, -32.22
CIE LCh	56, 70.006, 332.595
Yxy	24.1517, 0.3410, 0.2078
Android (android.graphics.Color)	4292040128 (0xFFD355C0)
YUV	134.8720, 28.1641, 66.7643
Hunter-Lab	49.1444, 57.9284, -28.8677

Details

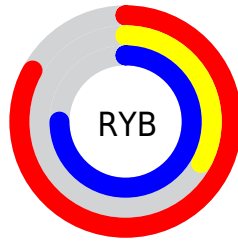
The XYZ color **39.6269, 24.1517, 52.4423** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **29.5404, 49.5202, 21.1000**, and the grayscale version is **22.8712, 24.0623, 26.2038**.

A 20% lighter version of the original color is **67.8638, 47.1493, 95.1464**, and **17.9745, 9.1076, 24.8553** is the 20% darker color. If you saturate the color by 10%, you get **37.8580, 21.1715, 50.1320**, and if you desaturate by 10%, it is **41.9002, 28.1275, 54.9587**.

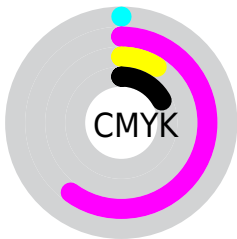
Distribution



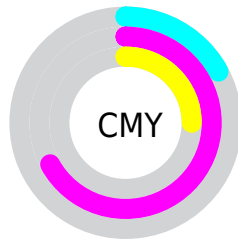
- Red (83%)
- Green (33%)
- Blue (75%)



- Red (83%)
- Yellow (33%)
- Blue (75%)



- Cyan (0%)
- Magenta (60%)
- Yellow (9%)
- Black (17%)





- Cyan (17%)
- Magenta (67%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.6269, 24.1517, 52.4423 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 39.6269, 24.1517, 52.4423 by changing the saturation by 10% instead.


 39.6269, 24.1517,
52.4423

 39.6269, 24.1517,
52.4423


335.7099,
273.5865, 413.1472

 27.4307, 15.4462,
36.9731


 73.8830, 50.2776,
95.2164


 18.0352, 9.1331,
24.8910


 96.6736, 68.4669,
123.3584

 11.0751, 4.8281,
15.7776


 123.7263, 90.5861,
156.5617

 6.1850, 2.1468,
9.2143

 155.4066,
117.0198, 195.2449

 2.9996, 0.6907,
4.7825

192.0797,
148.1522, 239.8265

 1.1536, 0.0000,
2.0637

234.1111,

 0.0692, 0.0000,

184.3679, 290.7251

0.5940

281.8661,
226.0512, 348.3591

■ 0.0000, 0.0000,
0.0000

■ 39.6269, 24.1517,
52.4423

■ 39.6269, 24.1517,
52.4423

■ 37.8580, 21.1715,
50.1320

■ 41.9002, 28.1275,
54.9587

■ 36.5454, 19.0925,
48.0111

■ 44.7155, 33.1753,
57.6934

■ 35.6361, 17.8079,
46.0617

■ 48.1094, 39.3680,
60.6591

■ 35.0351, 17.1279,
44.2519

■ 52.1147, 46.7713,
63.8669

■ 35.0193, 17.1110,
44.2010

■ 56.7618, 55.4456,
67.3271

■ 62.0791, 65.4476,
71.0495

■ 68.0930, 76.8303,
75.0430

■ 74.8288, 89.6439,
79.3164

■ 75.6272, 90.5702,
81.6500

Harmonies

Analogous

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



32.3470, 24.1517, 84.1384



39.6269, 24.1517, 52.4423



42.1565, 24.1517, 24.3402

Triad

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



39.6269, 24.1517, 52.4423



22.2616, 24.1517, 2.2174



12.2259, 24.1517, 58.1465

Complementary

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



39.6269, 24.1517, 52.4423



29.5404, 49.5202, 21.1000

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.



10.7021, 24.1517, 28.3562



39.6269, 24.1517, 52.4423



15.5842, 24.1517, 3.8371

Square

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



39.6269, 24.1517, 52.4423



30.8449, 24.1517, 3.3071



11.7711, 24.1517, 10.7122



16.5410, 24.1517, 88.5731

Rectangle

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



39.6269, 24.1517, 52.4423



40.4225, 24.1517, 12.6746



11.7711, 24.1517, 10.7122



11.4227, 24.1517, 47.2779

Sweetspot

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



39.6277, 24.1528, 52.4428



81.0204, 73.6922, 98.8242



20.7050, 14.1386, 63.2664



16.9237, 14.9965, 20.8303



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.



39.6277, 24.1528, 52.4428



57.4271, 31.3808, 75.9296



34.0827, 21.9348, 23.2428



12.2310, 11.9771, 14.4921



21.1642, 10.3385, 26.8348



1.2047, 0.5866, 1.6125

Inverse Universe

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



39.6277, 24.1528, 52.4428



57.4271, 31.3808, 75.9296



34.0075, 51.3070, 44.6230



12.2310, 11.9771, 14.4921



21.1642, 10.3385, 26.8348



1.2047, 0.5866, 1.6125

Previews

White Background



This preview shows how the XYZ color 39.6269, 24.1517, 52.4423 looks on a white background.

Color Contrast Check

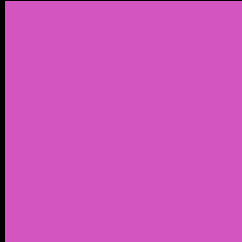
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.6269, 24.1517, 52.4423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

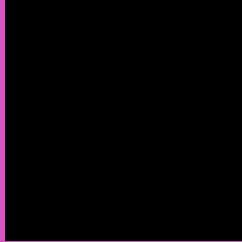
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.6269, 24.1517, 52.4423

Background



This preview shows how black text looks on a background with the XYZ color 39.6269, 24.1517, 52.4423.



This preview shows how white text looks on a background with the XYZ color 39.6269, 24.1517,

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

39.6269, 24.1517, 52.4423

Protanopia

27.2304, 24.6040, 79.6578

Deuteranopia

24.9244, 24.3007, 48.7242



Tritanopia

32.7633, 24.1968, 18.5664

Trichromacy



Original Color

39.6269, 24.1517, 52.4423



Protanomaly

28.6468, 22.4221, 68.4637



Deuteranomaly

28.5415, 22.9487, 49.9389



Tritanomaly

34.7038, 23.8102, 28.3579

Monochromacy



Original Color

39.6269, 24.1517, 52.4423



Achromatopsia

23.0288, 24.2281, 26.3844



Achromatomaly

27.4663, 22.9094, 34.4268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6269, 24.1517, 52.4423 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(211, 85, 192)` looks like.

```
.text, #text, p{  
    color:rgb(211, 85, 192)  
}
```

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(211, 85, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 85, 192) }
```

Border

The CSS property to change the border of an element to XYZ 39.6269, 24.1517, 52.4423 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(211, 85, 192) }
```


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

```
.border{ border-color:rgb(211, 85, 192) }
```

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

Here you see how a box with a 4 pixel rgb(211, 85, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 85, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 85, 192);  
box-shadow:4px 4px 4px 4px rgb(211, 85,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6269, 24.1517, 52.4423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 85, 192) }
```

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

```
.background{ background-color: rgb(211, 85,  
192) }
```

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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