

Converting Colors

XYZ(39.4442, 26.1723, 62.0101)

Have a look what the booklet for
XYZ(39.4442, 26.1723, 62.0101)
contains.

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Color

**XYZ(39.4014, 26.2113,
62.0141)**

Conversions

Conversions Part 1

Format	Color
Hex	C667CF
RGB	198, 103, 207
RGB Percent	78%, 40%, 81%
CMY	0.2235, 0.5961, 0.1882
CMYK	0.04, 0.50, 0.00, 0.19
HSL	295°, 52%, 61%
HSV	295°, 50%, 81%
XYZ	39.4014, 26.2113, 62.0141
YIQ	143.2610, 23.2360, 52.4840

Conversions

Conversions Part 2

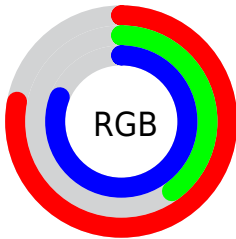
Format	Color
R_{YB}	198, 103, 207
Decimal	13002703
CIE _{Lab}	58.24, 52.83, -37.79
CIE _{LCh}	58, 64.952, 324.424
Yxy	26.2113, 0.3087, 0.2054
Android (android.graphics.Color)	4291192783 (0xFFC667CF)
YUV	143.2610, 31.4233, 48.0061
Hunter-Lab	51.1970, 47.7796, -35.9792

Details

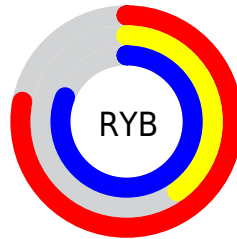
The XYZ color **39.4014, 26.2113, 62.0141** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **31.4441, 49.0504, 20.6437**, and the grayscale version is **26.0855, 27.4440, 29.8865**.

A 20% lighter version of the original color is **71.3470, 52.5939, 100.9990**, and **17.9211, 10.2144, 30.7328** is the 20% darker color. If you saturate the color by 10%, you get **37.1225, 22.3496, 61.3892**, and if you desaturate by 10%, it is **42.1973, 31.0973, 62.8102**.

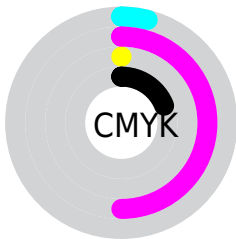
Distribution



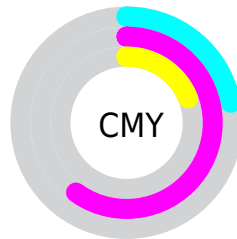
- Red (78%)
- Green (40%)
- Blue (81%)



- Red (78%)
- Yellow (40%)
- Blue (81%)



- Cyan (4%)
- Magenta (50%)
- Yellow (0%)
- Black (19%)





- Cyan (22%)
- Magenta (60%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4014, 26.2113, 62.0141 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 39.4014, 26.2113, 62.0141 by changing the saturation by 10% instead.


 39.4014, 26.2113,
62.0141


 39.4014, 26.2113,
62.0141

334.7719,
283.8178, 449.9916

 27.2543, 16.9818,
44.6082


 73.5413, 53.6156,
109.3177


 17.9018, 10.2215,
30.8083


 96.2647, 72.5592,
140.0525

 10.9788, 5.5461,
20.1956


 123.2443, 95.5096,
176.0674

 6.1198, 2.5711,
12.3519


 154.8454,
122.8513, 217.7809

 2.9594, 0.9122,
6.8583

191.4334,
154.9685, 265.6115

 1.1323, 0.0000,
3.2966

233.3735,

 0.0519, 0.0000,

192.2457, 319.9778

1.2480

281.0313,
235.0674, 381.2983

■ 0.0000, 0.0000,
0.0186

■ 0.0000, 0.0000,
0.0000

■ 39.4014, 26.2113,
62.0141

■ 39.4014, 26.2113,
62.0141

■ 37.1225, 22.3496,
61.3892

■ 42.1973, 31.0973,
62.8102

■ 35.3195, 19.4323,
60.9211


■ 45.5420, 37.0731,
63.7874


■ 33.9496, 17.3729,
60.5958


■ 49.4676, 44.2025,
64.9566


■ 32.9610, 16.0677,
60.3960


■ 54.0032, 52.5437,
66.3275


 32.2706, 15.3350,
60.2910

 59.1760, 62.1507,
67.9092

 65.0114, 73.0743,
69.7102

 71.5334, 85.3628,
71.7383

 74.2697, 90.0714,
72.5030

 74.7900, 90.3397,
72.5273

Harmonies

Analogous

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



31.7272, 26.2113, 89.1934



39.4014, 26.2113, 62.0141



43.2679, 26.2113, 32.9729

Triad

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



39.4014, 26.2113, 62.0141



26.4164, 26.2113, 3.4603



13.4955, 26.2113, 50.5380

Complementary

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



39.4014, 26.2113, 62.0141



31.4441, 49.0504, 20.6437

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.



12.6590, 26.2113, 24.5227



39.4014, 26.2113, 62.0141



19.1519, 26.2113, 4.4431

Square

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



39.4014, 26.2113, 62.0141



34.8225, 26.2113, 5.7802



14.4990, 26.2113, 9.9905



17.0882, 26.2113, 80.4701

Rectangle

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



39.4014, 26.2113, 62.0141



42.6833, 26.2113, 19.0274



14.4990, 26.2113, 9.9905



12.9195, 26.2113, 40.7880

Sweetspot

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



39.4023, 26.2124, 62.0147



82.8312, 77.3545, 105.1730



22.8070, 19.2896, 61.5531



17.4020, 15.9559, 22.4126



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.



39.4023, 26.2124, 62.0147



59.3370, 35.5575, 98.3436



37.4113, 25.6983, 38.7781



12.2057, 11.9549, 14.9079



20.3721, 9.6825, 37.9877



1.1694, 0.5570, 2.1254

Inverse Universe

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



33.5079, 24.1369, 18.2233



49.0997, 32.0061, 19.8821



32.9874, 49.5419, 34.4519



11.8497, 11.8246, 12.4842



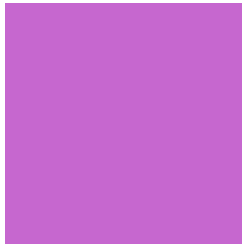
16.2955, 8.3911, 1.1966



0.9258, 0.4751, 0.1443

Previews

White Background



This preview shows how the XYZ color 39.4014, 26.2113, 62.0141 looks on a white background.

Color Contrast Check

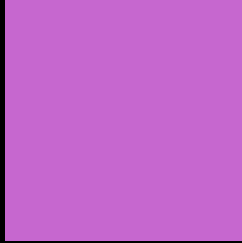
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.4014, 26.2113, 62.0141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

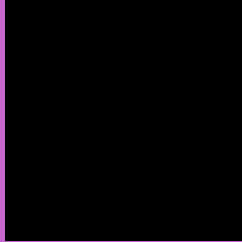
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.4014, 26.2113, 62.0141

Background



This preview shows how black text looks on a background with the XYZ color 39.4014, 26.2113, 62.0141.



This preview shows how white text looks on a background with the XYZ color 39.4014, 26.2113,

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

39.4014, 26.2113, 62.0141

Protanopia

29.2687, 26.6024, 83.7129

Deuteranopia

27.1292, 26.4869, 58.3262



Tritanopia

31.7953, 26.2491, 24.8635

Trichromacy



Original Color

39.4014, 26.2113, 62.0141



Protanomaly

30.8926, 25.2266, 75.1925



Deuteranomaly

30.2730, 25.4365, 59.8141



Tritanomaly

34.1270, 25.9711, 36.0151

Monochromacy



Original Color

39.4014, 26.2113, 62.0141



Achromatopsia

26.1081, 27.4677, 29.9124



Achromatomaly

29.7064, 25.9780, 39.5250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4014, 26.2113, 62.0141 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(198, 103, 207)` looks like.

```
.text, #text, p{  
    color:rgb(198, 103, 207)  
}
```

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(198, 103, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 103, 207) }
```

Border

The CSS property to change the border of an element to XYZ 39.4014, 26.2113, 62.0141 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(198, 103, 207) }
```


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

```
.border{ border-color:rgb(198, 103, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 103, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 103, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 103, 207);  
box-shadow:4px 4px 4px 4px rgb(198, 103,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4014, 26.2113, 62.0141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 103, 207) }
```

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

```
.background{ background-color: rgb(198,  
103, 207) }
```

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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