

Converting Colors

XYZ(34.6138, 23.1170, 36.2554)

Have a look what the booklet for
XYZ(34.6138, 23.1170, 36.2554)
contains.

XYZ(34.6126, 23.1751, 36.3672)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.6126, 23.1751,
36.3672)**

Conversions

Conversions Part 1

Format	Color
Hex	C95FA1
RGB	201, 95, 161
RGB Percent	79%, 37%, 63%
CMY	0.2118, 0.6274, 0.3686
CMYK	0.00, 0.53, 0.20, 0.21
HSL	323°, 50%, 58%
HSV	323°, 53%, 79%
XYZ	34.6126, 23.1751, 36.3672
YIQ	134.2180, 41.9900, 42.9980

Conversions

Conversions Part 2

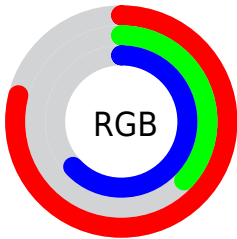
Format	Color
R _Y B	201, 95, 161
Decimal	13197217
CIE Lab	55.25, 49.93, -15.92
CIE LCh	55, 52.409, 342.320
Yxy	23.1751, 0.3676, 0.2461
Android (android.graphics.Color)	4291387297 (0xFFC95FA1)
YUV	134.2180, 13.2035, 58.5678
Hunter-Lab	48.1405, 44.0940, -11.0916

Details

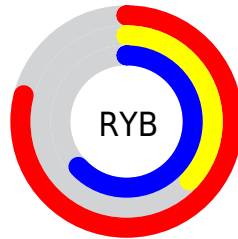
The XYZ color **34.6126, 23.1751, 36.3672** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **29.9802, 45.9561, 30.2140**, and the grayscale version is **22.6830, 23.8643, 25.9882**.

A 20% lighter version of the original color is **64.3821, 47.7128, 70.7819**, and **15.0549, 8.6193, 15.3382** is the 20% darker color. If you saturate the color by 10%, you get **32.3813, 19.7506, 32.4227**, and if you desaturate by 10%, it is **37.3529, 27.5522, 40.6820**.

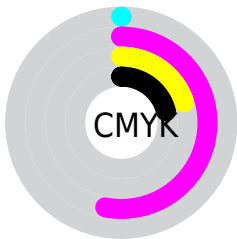
Distribution



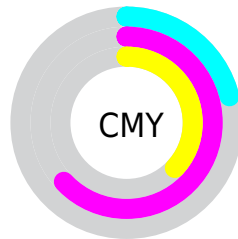
- Red (79%)
- Green (37%)
- Blue (63%)



- Red (79%)
- Yellow (37%)
- Blue (63%)



- Cyan (0%)
- Magenta (53%)
- Yellow (20%)
- Black (21%)





- Cyan (21%)
- Magenta (63%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.6126, 23.1751, 36.3672 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 34.6126, 23.1751, 36.3672 by changing the saturation by 10% instead.


 34.6126, 23.1751,
36.3672


 34.6126, 23.1751,
36.3672


314.3931,
268.6231, 345.6485

 23.5297, 14.7229,
24.4260


 66.2232, 48.6807,
70.7739


 15.1080, 8.6251,
15.4348


 87.4816, 66.5028,
94.0764

 8.9820, 4.4975,
8.9751


 112.8625, 88.2170,
122.0031

 4.7865, 1.9556,
4.6284

 142.7314,
114.2077, 154.9726

 2.1560, 0.5815,
1.9760

177.4535,
144.8592, 193.4033

 0.7194, 0.0000,
0.5405

217.3943,

 0.0000, 0.0000,

180.5561, 237.7138

0.0000

262.9190,
221.6825, 288.3227

■ 34.6126, 23.1751,
36.3672

■ 34.6126, 23.1751,
36.3672

■ 32.3813, 19.7506,
32.4227

■ 37.3529, 27.5522,
40.6820

■ 30.6196, 17.2015,
28.8313

■ 40.6336, 32.9443,
45.3804

■ 29.2851, 15.4445,
25.5754

■ 44.4860, 39.4126,
50.4764

■ 28.3265, 14.3777,
22.6342

■ 48.9382, 47.0124,
55.9826

■ 27.7986, 13.9020,
20.6698

■ 54.0165, 55.7950,
61.9109

■ 59.7454, 65.8087,
68.2727

■ 66.1484, 77.0993,
75.0788

■ 72.9898, 89.1945,
82.2538

■ 74.0278, 89.6097,
87.7198

Harmonies

Analogous

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



30.5251, 23.1751, 57.4366



34.6126, 23.1751, 36.3672



34.9828, 23.1751, 18.9510

Triad

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



34.6126, 23.1751, 36.3672



19.7076, 23.1751, 5.0057



14.6972, 23.1751, 53.8204

Complementary

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



34.6126, 23.1751, 36.3672



29.9802, 45.9561, 30.2140

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.



12.7450, 23.1751, 32.7711



34.6126, 23.1751, 36.3672



15.2739, 23.1751, 8.0952

Square

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



34.6126, 23.1751, 36.3672



25.6324, 23.1751, 5.2763



12.9355, 23.1751, 16.6417



18.7770, 23.1751, 70.2047

Rectangle

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



34.6126, 23.1751, 36.3672



32.9970, 23.1751, 11.6060



12.9355, 23.1751, 16.6417



13.8059, 23.1751, 46.7381

Sweetspot

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



34.6133, 23.1762, 36.3676



81.0065, 75.7221, 92.4756



24.4462, 17.4602, 57.3403



16.9960, 15.6223, 19.3709



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.



34.6133, 23.1762, 36.3676



55.0537, 33.2397, 54.7741



30.9480, 21.7101, 17.0664



10.9068, 10.7461, 12.4927



17.5243, 8.7593, 13.2369



0.8642, 0.4285, 0.8078

Inverse Universe

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



34.6133, 23.1762, 36.3676



55.0537, 33.2397, 54.7741



34.5621, 47.7889, 54.3421



10.9068, 10.7461, 12.4927



17.5243, 8.7593, 13.2369



0.8642, 0.4285, 0.8078

Previews

White Background



This preview shows how the XYZ color 34.6126, 23.1751, 36.3672 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 34.6126, 23.1751, 36.3672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

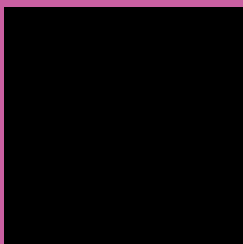
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.6126, 23.1751, 36.3672

Background



This preview shows how black text looks on a background with the XYZ color 34.6126, 23.1751, 36.3672.



This preview shows how white text looks on a background with the XYZ color 34.6126, 23.1751,

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

34.6126, 23.1751, 36.3672

Protanopia

24.2884, 23.5335, 50.2760

Deuteranopia

23.8907, 23.4827, 34.2838



Tritanopia

30.7972, 23.0312, 18.4451

Trichromacy



Original Color

34.6126, 23.1751, 36.3672

Protanomaly

26.5469, 22.3743, 45.0390

Deuteranomaly

26.7452, 22.5278, 34.8370

Tritanomaly

31.9716, 22.9248, 23.8589

Monochromacy



Original Color

34.6126, 23.1751, 36.3672

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

25.8511, 22.7157, 29.4076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6126, 23.1751, 36.3672 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(201, 95, 161)` looks like.

```
.text, #text, p{  
    color:rgb(201, 95, 161)  
}
```

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(201, 95, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 95, 161) }
```

Border

The CSS property to change the border of an element to XYZ 34.6126, 23.1751, 36.3672 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(201, 95, 161) }
```


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

```
.border{ border-color:rgb(201, 95, 161) }
```

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

Here you see how a box with a 4 pixel rgb(201, 95, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 95, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 95, 161);  
box-shadow:4px 4px 4px 4px rgb(201, 95,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6126, 23.1751, 36.3672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 95, 161) }
```

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

```
.background{ background-color: rgb(201, 95,  
161) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor