

Converting Colors

XYZ(35.2576, 23.4101, 36.4171)

Have a look what the booklet for
XYZ(35.2576, 23.4101, 36.4171)
contains.

XYZ(35.3376, 23.4160, 36.3755)	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(35.3376, 23.4160,
36.3755)**

Conversions

Conversions Part 1

Format	Color
Hex	CC5EA1
RGB	204, 94, 161
RGB Percent	80%, 37%, 63%
CMY	0.2000, 0.6313, 0.3686
CMYK	0.00, 0.54, 0.21, 0.20
HSL	323°, 52%, 58%
HSV	323°, 54%, 80%
XYZ	35.3376, 23.4160, 36.3755
YIQ	134.5280, 44.0530, 44.1570

Conversions

Conversions Part 2

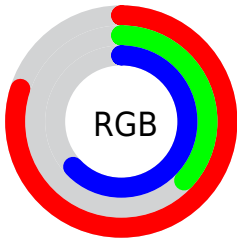
Format	Color
R_{YB}	204, 94, 161
Decimal	13393569
CIE _{Lab}	55.50, 51.35, -15.50
CIE _{LCh}	55, 53.638, 343.200
Yxy	23.4160, 0.3715, 0.2461
Android (android.graphics.Color)	4291583649 (0xFFCC5EA1)
YUV	134.5280, 13.0507, 60.9269
Hunter-Lab	48.3901, 45.6697, -10.6961

Details

The XYZ color **35.3376, 23.4160, 36.3755** 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 **30.7255, 47.3723, 31.1935**, and the grayscale version is **22.7972, 23.9845, 26.1191**.

A 20% lighter version of the original color is **64.2246, 47.3977, 70.7294**, and **15.5185, 8.7582, 15.3406** is the 20% darker color. If you saturate the color by 10%, you get **33.0764, 19.9833, 32.2620**, and if you desaturate by 10%, it is **38.1244, 27.8275, 40.8860**.

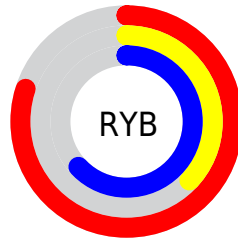
Distribution



Red (80%)

Green (37%)

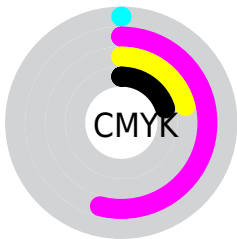
Blue (63%)



Red (80%)

Yellow (37%)

Blue (63%)

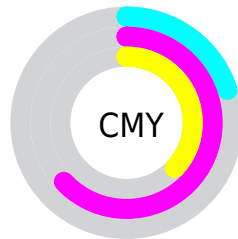


Cyan (0%)

Magenta (54%)

Yellow (21%)

Black (20%)



Cyan (20%)


Magenta (63%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3376, 23.4160, 36.3755 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 35.3376, 23.4160, 36.3755 by changing the saturation by 10% instead.


 35.3376, 23.4160,
36.3755


 35.3376, 23.4160,
36.3755


317.5379,
269.8545, 345.6857


 24.0908, 14.9010,
24.4324


 67.3390, 49.0755,
70.7868


 15.5261, 8.7499,
15.4395


 88.8243, 66.9888,
94.0920

 9.2781, 4.5784,
8.9784


 114.4532, 88.8036,
122.0217

 4.9816, 2.0021,
4.6305

 144.5909,
114.9043, 154.9944

 2.2711, 0.6087,
1.9772

179.6029,
145.6754, 193.4286

 0.7798, 0.0000,
0.5412

219.8545,

 0.0000, 0.0000,

181.5012, 237.7429

0.0000

265.7111,
222.7661, 288.3557

■ 35.3376, 23.4160,
36.3755

■ 35.3376, 23.4160,
36.3755

■ 33.0764, 19.9833,
32.2620

■ 38.1244, 27.8275,
40.8860

■ 31.2993, 17.4484,
28.5268

■ 41.4698, 33.2837,
45.8078

■ 29.9613, 15.7227,
25.1511

■ 45.4068, 39.8484,
51.1560

■ 29.0076, 14.6980,
22.1122

■ 49.9648, 47.5797,
56.9442

■ 28.5560, 14.2991,
20.4071

■ 55.1713, 56.5313,
63.1853

■ 61.0522, 66.7537,
69.8914

■ 67.6318, 78.2944,
77.0743

■ 74.2254, 89.7828,
84.5091

■ 75.3379, 90.2278,
90.3675

Harmonies

Analogous

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



31.1967, 23.4160, 58.2654



35.3376, 23.4160, 36.3755



35.5953, 23.4160, 18.6262

Triad

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



35.3376, 23.4160, 36.3755



19.7066, 23.4160, 4.8821



14.8144, 23.4160, 55.7385

Complementary

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



35.3376, 23.4160, 36.3755



30.7255, 47.3723, 31.1935

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.



12.7513, 23.4160, 33.8762



35.3376, 23.4160, 36.3755



15.2113, 23.4160, 8.1168

Square

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



35.3376, 23.4160, 36.3755



25.7867, 23.4160, 5.0640



12.8820, 23.4160, 17.0360



19.0636, 23.4160, 72.4709

Rectangle

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



35.3376, 23.4160, 36.3755



33.4649, 23.4160, 11.2694



12.8820, 23.4160, 17.0360



13.8798, 23.4160, 48.4065

Sweetspot

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



35.3383, 23.4171, 36.3760



80.9246, 75.6894, 92.0445



25.0835, 17.6147, 59.2050



16.9765, 15.6145, 19.2680



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.



35.3383, 23.4171, 36.3760



54.1498, 32.1731, 52.1881



31.5506, 21.9021, 16.4301



11.4945, 11.3265, 13.1388



18.0202, 9.0187, 13.0911



0.9662, 0.4799, 0.8680

Inverse Universe

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



35.3383, 23.4171, 36.3760



54.1498, 32.1731, 52.1881



35.6322, 49.3350, 57.0317



11.4945, 11.3265, 13.1388



18.0202, 9.0187, 13.0911



0.9662, 0.4799, 0.8680

Previews

White Background



This preview shows how the XYZ color 35.3376, 23.4160, 36.3755 looks on a white background.

Color Contrast Check

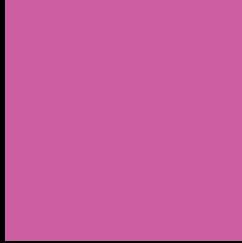
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.3376, 23.4160, 36.3755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

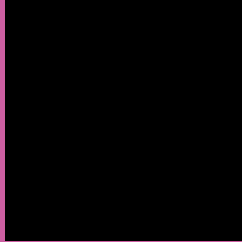
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.3376, 23.4160, 36.3755

Background



This preview shows how black text looks on a background with the XYZ color 35.3376, 23.4160, 36.3755.



This preview shows how white text looks on a background with the XYZ color 35.3376, 23.4160,

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

35.3376, 23.4160, 36.3755

Protanopia

24.5308, 23.8464, 50.8868

Deuteranopia

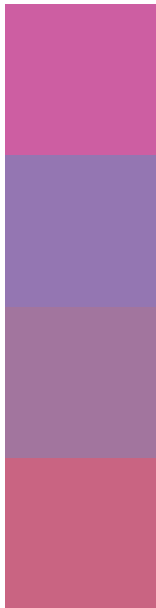
24.0524, 23.5661, 34.2914



Tritanopia

31.5294, 23.4151, 18.1870

Trichromacy



Original Color

35.3376, 23.4160, 36.3755

Protanomaly

26.7271, 22.4671, 45.0474

Deuteranomaly

27.1450, 22.7340, 34.8557

Tritanomaly

32.7703, 23.3366, 23.8963

Monochromacy



Original Color

35.3376, 23.4160, 36.3755

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

26.2477, 22.9201, 29.4262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3376, 23.4160, 36.3755 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(204, 94, 161)` looks like.

```
.text, #text, p{  
    color:rgb(204, 94, 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(204, 94, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 94, 161) }
```

Border

The CSS property to change the border of an element to XYZ 35.3376, 23.4160, 36.3755 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(204, 94, 161) }
```


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

```
.border{ border-color:rgb(204, 94, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 94, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 94, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 94, 161);  
box-shadow:4px 4px 4px 4px rgb(204, 94,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3376, 23.4160, 36.3755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 94, 161) }
```

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

```
.background{ background-color: rgb(204, 94,  
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](#).

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