

Converting Colors

XYZ(34.6374, 23.8367, 38.3727)

Have a look what the booklet for
XYZ(34.6374, 23.8367, 38.3727)
contains.

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Color

**XYZ(34.6374, 23.8367,
38.3727)**

Conversions

Conversions Part 1

Format	Color
Hex	C664A5
RGB	198, 100, 165
RGB Percent	78%, 39%, 65%
CMY	0.2235, 0.6078, 0.3529
CMYK	0.00, 0.49, 0.17, 0.22
HSL	320°, 46%, 58%
HSV	320°, 49%, 78%
XYZ	34.6374, 23.8367, 38.3727
YIQ	136.7120, 37.5430, 40.9910

Conversions

Conversions Part 2

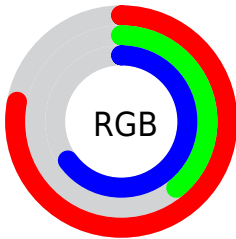
Format	Color
R _Y B	198, 100, 165
Decimal	13001893
CIE Lab	55.92, 47.12, -17.26
CIE LCh	56, 50.186, 339.880
Yxy	23.8367, 0.3577, 0.2461
Android (android.graphics.Color)	4291191973 (0xFFC664A5)
YUV	136.7120, 13.9460, 53.7496
Hunter-Lab	48.8228, 41.1970, -12.4235

Details

The XYZ color **34.6374, 23.8367, 38.3727** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **29.6843, 44.7917, 29.2733**, and the grayscale version is **23.6091, 24.8386, 27.0493**.

A 20% lighter version of the original color is **65.7139, 49.5385, 73.8085**, and **15.1525, 8.9761, 16.5567** is the 20% darker color. If you saturate the color by 10%, you get **32.3728, 20.2534, 34.7013**, and if you desaturate by 10%, it is **37.3965, 28.3578, 42.3655**.

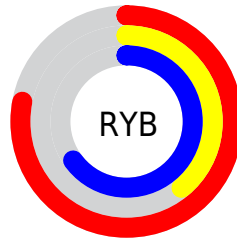
Distribution



Red (78%)

Green (39%)

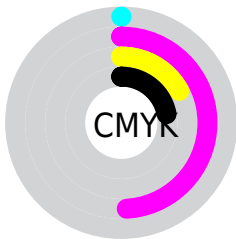
Blue (65%)



Red (78%)

Yellow (39%)

Blue (65%)

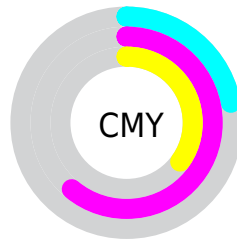


Cyan (0%)

Magenta (49%)

Yellow (17%)

Black (22%)



Cyan (22%)


Magenta (61%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.6374, 23.8367, 38.3727 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 34.6374, 23.8367, 38.3727 by changing the saturation by 10% instead.


 34.6374, 23.8367,
38.3727

 34.6374, 23.8367,
38.3727


314.5011,
271.9938, 354.5621


 23.5489, 15.2125,
25.9680


 66.2614, 49.7636,
73.8888


 15.1223, 8.9687,
16.5742


 87.5276, 67.8351,
97.8372

 8.9921, 4.7208,
9.7726


 112.9171, 89.8245,
126.4707

 4.7931, 2.0844,
5.1448

 142.7952,
116.1162, 160.2077

 2.1599, 0.6558,
2.2723

177.5273,
147.0946, 199.4668

 0.7215, 0.0000,
0.7156

217.4787,

 0.0000, 0.0000,

183.1441, 244.6666

0.0000

263.0149,
224.6490, 296.2255

■ 34.6374, 23.8367,
38.3727

■ 34.6374, 23.8367,
38.3727

■ 32.3728, 20.2534,
34.7013

■ 37.3965, 28.3578,
42.3655

■ 30.5662, 17.5362,
31.3361

■ 40.6791, 33.8748,
46.6911

■ 29.1789, 15.6088,
28.2620


■ 44.5142, 40.4447,
51.3615


■ 28.1648, 14.3796,
25.4613


■ 48.9282, 48.1197,
56.3877


■ 27.4416, 13.6844,
22.9039


■ 53.9458, 56.9481,
61.7802

 27.4076, 13.6533,
22.7788

 59.5900, 66.9756,
67.5487

 65.8827, 78.2453,
73.7027

 71.7486, 88.6057,
79.8857

 72.6408, 88.9626,
84.5840

Harmonies

Analogous

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



30.4685, 23.8367, 58.4230



34.6374, 23.8367, 38.3727



35.3163, 23.8367, 20.9141

Triad

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



34.6374, 23.8367, 38.3727



20.8201, 23.8367, 5.6425



15.2181, 23.8367, 51.8548

Complementary

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



34.6374, 23.8367, 38.3727



29.6843, 44.7917, 29.2733

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.



13.4532, 23.8367, 31.7451



34.6374, 23.8367, 38.3727



16.3082, 23.8367, 8.5052

Square

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



34.6374, 23.8367, 38.3727



26.6556, 23.8367, 6.1854



13.8155, 23.8367, 16.5536



19.0781, 23.8367, 68.2104

Rectangle

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



34.6374, 23.8367, 38.3727



33.5981, 23.8367, 13.2081



13.8155, 23.8367, 16.5536



14.3923, 23.8367, 45.0303

Sweetspot

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



34.6381, 23.8378, 38.3732



82.0334, 77.1749, 94.6710



24.3717, 18.1523, 55.6457



17.2092, 15.9128, 19.8612



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.



34.6381, 23.8378, 38.3732



57.1853, 35.6475, 61.2049



31.0186, 22.3900, 19.3131



10.9254, 10.7536, 12.5905



17.8649, 8.8955, 15.0305



0.8787, 0.4343, 0.8842

Inverse Universe

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



34.6381, 23.8378, 38.3732



57.1853, 35.6475, 61.2049



33.8596, 46.4618, 51.2598



10.9254, 10.7536, 12.5905



17.8649, 8.8955, 15.0305



0.8787, 0.4343, 0.8842

Previews

White Background



This preview shows how the XYZ color 34.6374, 23.8367, 38.3727 looks on a white background.

Color Contrast Check

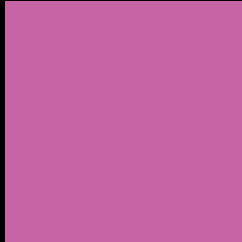
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.6374, 23.8367, 38.3727 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 34.6374, 23.8367, 38.3727

Background



This preview shows how black text looks on a background with the XYZ color 34.6374, 23.8367, 38.3727.



This preview shows how white text looks on a background with the XYZ color 34.6374, 23.8367,

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

34.6374, 23.8367, 38.3727

Protanopia

24.9090, 24.2311, 51.5083

Deuteranopia

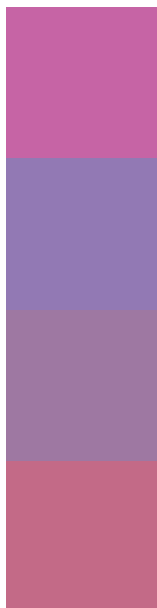
24.4531, 23.9216, 36.5862



Tritanopia

30.8383, 23.7973, 20.1075

Trichromacy



Original Color

34.6374, 23.8367, 38.3727

Protanomaly

26.9297, 23.0810, 46.2158

Deuteranomaly

27.3386, 23.3107, 37.2409

Tritanomaly

32.0329, 23.6594, 25.8001

Monochromacy



Original Color

34.6374, 23.8367, 38.3727

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

26.7722, 23.8928, 30.8045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6374, 23.8367, 38.3727 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, 100, 165)` looks like.

```
.text, #text, p{  
    color:rgb(198, 100, 165)  
}
```

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, 100, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 100, 165) }
```

Border

The CSS property to change the border of an element to XYZ 34.6374, 23.8367, 38.3727 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, 100, 165) }
```


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

```
.border{ border-color:rgb(198, 100, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 100, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 100, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 100, 165);  
box-shadow:4px 4px 4px 4px rgb(198, 100,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6374, 23.8367, 38.3727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 100, 165) }
```

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

```
.background{ background-color: rgb(198,  
100, 165) }
```

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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