

Converting Colors

XYZ(34.8093, 23.1836, 22.7189)

Have a look what the booklet for
XYZ(34.8093, 23.1836, 22.7189)
contains.

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Color

**XYZ(34.8093, 23.1836,
22.7189)**

Conversions

Conversions Part 1

Format	Color
Hex	D45C7F
RGB	212, 92, 127
RGB Percent	83%, 36%, 50%
CMY	0.1686, 0.6392, 0.5020
CMYK	0.00, 0.57, 0.40, 0.17
HSL	343°, 58%, 60%
HSV	343°, 57%, 83%
XYZ	34.8093, 23.1836, 22.7189
YIQ	131.8700, 60.2850, 36.3250

Conversions

Conversions Part 2

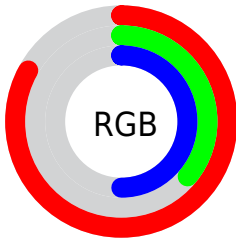
Format	Color
R_{YB}	212, 92, 127
Decimal	13917311
CIE _{Lab}	55.26, 50.57, 4.24
CIE _{LCh}	55, 50.748, 4.792
Yxy	23.1836, 0.4313, 0.2872
Android (android.graphics.Color)	4292107391 (0xFFD45C7F)
YUV	131.8700, -2.4009, 70.2740
Hunter-Lab	48.1494, 44.7842, 5.7290

Details

The XYZ color **34.8093, 23.1836, 22.7189** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **35.8942, 52.5372, 49.8470**, and the grayscale version is **21.8792, 23.0187, 25.0673**.

A 20% lighter version of the original color is **59.7571, 45.1131, 48.7382**, and **15.1429, 8.5841, 8.0665** is the 20% darker color. If you saturate the color by 10%, you get **32.3161, 19.6484, 17.4136**, and if you desaturate by 10%, it is **37.9634, 27.8070, 28.9647**.

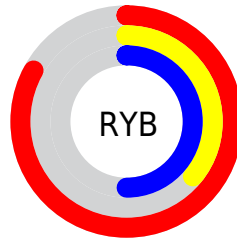
Distribution



Red (83%)

Green (36%)

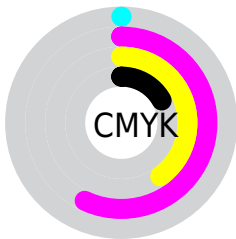
Blue (50%)



Red (83%)

Yellow (36%)

Blue (50%)

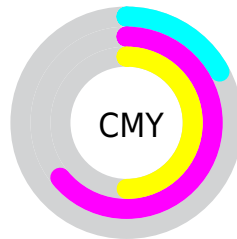


Cyan (0%)

Magenta (57%)

Yellow (40%)

Black (17%)



Cyan (17%)


Magenta (64%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.8093, 23.1836, 22.7189 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 34.8093, 23.1836, 22.7189 by changing the saturation by 10% instead.


 34.8093, 23.1836,
22.7189


 34.8093, 23.1836,
22.7189


315.2486,
268.6666, 279.3529


 23.6818, 14.7291,
14.1827


 66.5262, 48.6946,
48.8487


 15.2212, 8.6295,
8.1077


 87.8464, 66.5200,
67.2794

 9.0621, 4.5003,
4.0752


 113.2948, 88.2377,
89.8453

 4.8392, 1.9572,
1.6667

 143.2369,
114.2323, 116.9651

 2.1870, 0.5824,
0.3377

178.0379,
144.8881, 149.0572

 0.7359, 0.0000,
0.0000

218.0633,

 0.0000, 0.0000,

180.5895, 186.5401

0.0000

263.6784,
221.7208, 229.8325

■ 34.8093, 23.1836,
22.7189

■ 34.8093, 23.1836,
22.7189

■ 32.3161, 19.6484,
17.4136

■ 37.9634, 27.8070,
28.9647

■ 30.4313, 17.1072,
12.9990

■ 41.8216, 33.5954,
36.1945

■ 29.0974, 15.4554,
9.4219

■ 46.4254, 40.6228,
44.4504

■ 28.2407, 14.5579,
6.6209

■ 51.8125, 48.9559,
53.7717

■ 28.0161, 14.3430,
5.8243

■ 58.0180, 58.6567,
64.1955

■ 65.0749, 69.7832,
75.7569

■ 73.0142, 82.3901,
88.4897

■ 79.7215, 92.2411,
101.7113

■ 80.9614, 92.7371,
108.2407

Harmonies

Analogous

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



33.4679, 23.1836, 41.0459



34.8093, 23.1836, 22.7189



32.2767, 23.1836, 11.2709

Triad

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



34.8093, 23.1836, 22.7189



16.3723, 23.1836, 7.2836



17.7033, 23.1836, 65.4377

Complementary

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



34.8093, 23.1836, 22.7189



35.8942, 52.5372, 49.8470

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.



14.2279, 23.1836, 47.6283



34.8093, 23.1836, 22.7189



13.5571, 23.1836, 14.1272

Square

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



34.8093, 23.1836, 22.7189



21.1354, 23.1836, 5.1423



12.8451, 23.1836, 27.9475



22.9604, 23.1836, 71.0032

Rectangle

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



34.8093, 23.1836, 22.7189



28.9511, 23.1836, 7.3405



12.8451, 23.1836, 27.9475



16.3191, 23.1836, 60.3962

Sweetspot

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



34.8099, 23.1848, 22.7193



78.1903, 73.5699, 80.8083



33.6163, 21.6392, 64.6924



16.3623, 15.1668, 16.6566



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.



34.8099, 23.1848, 22.7193



48.4037, 28.9050, 24.9186



35.3295, 27.2619, 13.5267



12.5707, 12.4798, 13.6798



17.3339, 8.8699, 3.7964



1.0814, 0.5493, 0.4178

Inverse Universe

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



34.8099, 23.1848, 22.7193



48.4037, 28.9050, 24.9186



34.2815, 42.9962, 68.7797



12.5707, 12.4798, 13.6798



17.3339, 8.8699, 3.7964



1.0814, 0.5493, 0.4178

Previews

White Background



This preview shows how the XYZ color 34.8093, 23.1836, 22.7189 looks on a white background.

Color Contrast Check

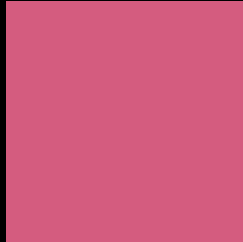
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.8093, 23.1836, 22.7189 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 34.8093, 23.1836, 22.7189

Background



This preview shows how black text looks on a background with the XYZ color 34.8093, 23.1836, 22.7189.



This preview shows how white text looks on a background with the XYZ color 34.8093, 23.1836,

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

34.8093, 23.1836, 22.7189

Protanopia

22.9622, 23.4504, 32.1703

Deuteranopia

23.7480, 23.3028, 21.3354



Tritanopia

33.3012, 23.2303, 15.5607

Trichromacy



Original Color

34.8093, 23.1836, 22.7189

Protanomaly

25.7410, 22.1492, 28.5097

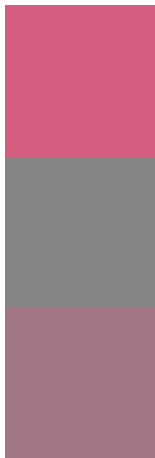
Deuteranomaly

26.9395, 22.5758, 21.6766

Tritanomaly

33.8808, 23.2032, 18.0222

Monochromacy



Original Color

34.8093, 23.1836, 22.7189

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

25.0885, 21.9114, 24.0261

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8093, 23.1836, 22.7189 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(212, 92, 127)` looks like.

```
.text, #text, p{  
    color:rgb(212, 92, 127)  
}
```

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(212, 92, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 92, 127) }
```

Border

The CSS property to change the border of an element to XYZ 34.8093, 23.1836, 22.7189 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(212, 92, 127) }
```


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

```
.border{ border-color:rgb(212, 92, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 92, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 92, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 92, 127);  
box-shadow:4px 4px 4px 4px rgb(212, 92,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8093, 23.1836, 22.7189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 92, 127) }
```

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

```
.background{ background-color: rgb(212, 92,  
127) }
```

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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