

Converting Colors

XYZ(35.1275, 23.1722, 19.1443)

Have a look what the booklet for
XYZ(35.1275, 23.1722, 19.1443)
contains.

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Color

**XYZ(35.1275, 23.1722,
19.1443)**

Conversions

Conversions Part 1

Format	Color
Hex	D85A74
RGB	216, 90, 116
RGB Percent	85%, 35%, 45%
CMY	0.1529, 0.6470, 0.5451
CMYK	0.00, 0.58, 0.46, 0.15
HSL	348°, 62%, 60%
HSV	348°, 58%, 85%
XYZ	35.1275, 23.1722, 19.1443
YIQ	130.6380, 66.7500, 34.7980

Conversions

Conversions Part 2

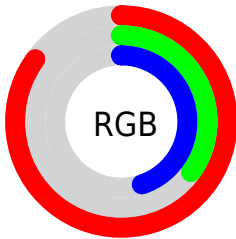
Format	Color
R_{YB}	216, 90, 116
Decimal	14178932
CIE _{Lab}	55.25, 51.71, 10.80
CIE _{LCh}	55, 52.824, 11.797
Yxy	23.1722, 0.4536, 0.2992
Android (android.graphics.Color)	4292369012 (0xFFD85A74)
YUV	130.6380, -7.2165, 74.8625
Hunter-Lab	48.1375, 46.0166, 10.1166

Details

The XYZ color **35.1275, 23.1722, 19.1443** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **38.0680, 55.0037, 57.3292**, and the grayscale version is **21.4535, 22.5707, 24.5795**.

A 20% lighter version of the original color is **58.4333, 44.3380, 42.5241**, and **15.4919, 8.6732, 6.3264** is the 20% darker color. If you saturate the color by 10%, you get **32.6560, 19.6807, 13.8462**, and if you desaturate by 10%, it is **38.3134, 27.7982, 25.5889**.

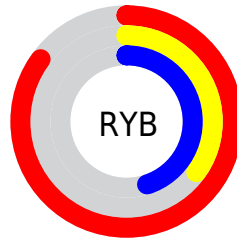
Distribution



Red (85%)

Green (35%)

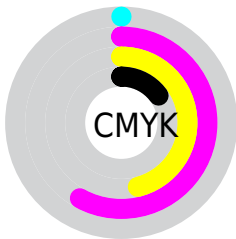
Blue (45%)



Red (85%)

Yellow (35%)

Blue (45%)

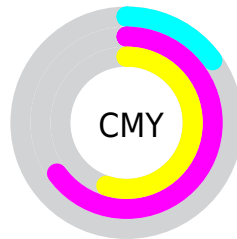


Cyan (0%)

Magenta (58%)

Yellow (46%)

Black (15%)



Cyan (15%)


Magenta (65%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1275, 23.1722, 19.1443 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 35.1275, 23.1722, 19.1443 by changing the saturation by 10% instead.

 35.1275, 23.1722,
19.1443

 35.1275, 23.1722,
19.1443


316.6289,
268.6082, 259.6934


 23.9281, 14.7207,
11.5967


 67.0160, 48.6759,
42.8177


 15.4047, 8.6236,
6.3505


 88.4357, 66.4969,
59.7807

 9.1921, 4.4965,
2.9872


 113.9930, 88.2099,
80.7191

 4.9248, 1.9550,
1.0881

 144.0530,
114.1993, 106.0517

 2.2375, 0.5811,
0.0000

178.9813,
144.8494, 136.1969

 0.7624, 0.0000,
0.0000

219.1432,

 0.0000, 0.0000,

180.5447, 171.5732

0.0000

264.9039,
221.6695, 212.5992

■ 35.1275, 23.1722,
19.1443

■ 35.1275, 23.1722,
19.1443

■ 32.6560, 19.6807,
13.8462

■ 38.3134, 27.7982,
25.5889

■ 30.8398, 17.2214,
9.6242

■ 42.2631, 33.6421,
33.2420

■ 29.6127, 15.6798,
6.4017

■ 47.0232, 40.7835,
42.1625

■ 28.8798, 14.8859,
4.0857

■ 52.6364, 49.2944,
52.4049

■ 28.7842, 14.7850,
3.7754

■ 59.1421, 59.2414,
64.0206

■ 66.5773, 70.6866,
77.0582

■ 74.9768, 83.6888,
91.5638

■ 81.8325, 93.2204,
106.7344

■ 82.1289, 93.3389,
108.2953

Harmonies

Analogous

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



34.6807, 23.1722, 36.8252



35.1275, 23.1722, 19.1443



31.6300, 23.1722, 9.1608

Triad

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



35.1275, 23.1722, 19.1443



15.2851, 23.1722, 7.9131



18.6616, 23.1722, 70.4996

Complementary

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



35.1275, 23.1722, 19.1443



38.0680, 55.0037, 57.3292

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.



14.5918, 23.1722, 53.7346



35.1275, 23.1722, 19.1443



12.8964, 23.1722, 16.3676

Square

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



35.1275, 23.1722, 19.1443



19.7818, 23.1722, 4.8993



12.6676, 23.1722, 32.4868



24.4306, 23.1722, 72.3838

Rectangle

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



35.1275, 23.1722, 19.1443



27.8440, 23.1722, 6.0436



12.6676, 23.1722, 32.4868



17.0782, 23.1722, 66.1574

Sweetspot

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



35.1281, 23.1734, 19.1447



77.6931, 73.3710, 78.1902



36.9637, 23.0521, 67.4670



16.2460, 15.1203, 16.0442



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.



35.1281, 23.1734, 19.1447



46.8581, 27.6977, 18.5958



37.5879, 30.1836, 13.5194



12.5270, 12.4623, 13.4495



17.0690, 8.7639, 2.4015



1.0600, 0.5408, 0.3053

Inverse Universe

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



35.1281, 23.1734, 19.1447



46.8581, 27.6977, 18.5958



32.9941, 39.8965, 70.9276



12.5270, 12.4623, 13.4495



17.0690, 8.7639, 2.4015



1.0600, 0.5408, 0.3053

Previews

White Background



This preview shows how the XYZ color 35.1275, 23.1722, 19.1443 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 35.1275, 23.1722, 19.1443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

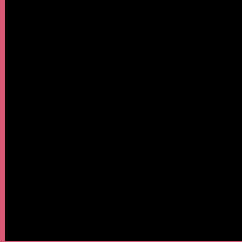
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.1275, 23.1722, 19.1443

Background



This preview shows how black text looks on a background with the XYZ color 35.1275, 23.1722, 19.1443.



This preview shows how white text looks on a background with the XYZ color 35.1275, 23.1722,

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

35.1275, 23.1722, 19.1443

Protanopia

22.5843, 23.3532, 27.7434

Deuteranopia

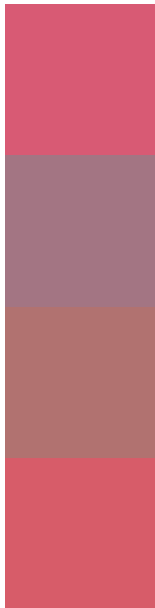
23.8601, 23.4342, 18.0175



Tritanopia

34.1908, 23.1766, 14.4759

Trichromacy



Original Color

35.1275, 23.1722, 19.1443

Protanomaly

25.5623, 22.1478, 24.4004

Deuteranomaly

27.0734, 22.5516, 18.2552

Tritanomaly

34.4013, 23.1213, 16.0143

Monochromacy



Original Color

35.1275, 23.1722, 19.1443

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

24.9116, 21.6785, 22.6101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1275, 23.1722, 19.1443 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(216, 90, 116)` looks like.

```
.text, #text, p{  
    color:rgb(216, 90, 116)  
}
```

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(216, 90, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 90, 116) }
```

Border

The CSS property to change the border of an element to XYZ 35.1275, 23.1722, 19.1443 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(216, 90, 116) }
```


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

```
.border{ border-color:rgb(216, 90, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 90, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 90, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 90, 116);  
box-shadow:4px 4px 4px 4px rgb(216, 90,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1275, 23.1722, 19.1443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 90, 116) }
```

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

```
.background{ background-color: rgb(216, 90,  
116) }
```

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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