

Converting Colors

XYZ(34.7933, 22.9635, 16.5361)

Have a look what the booklet for
XYZ(34.7933, 22.9635, 16.5361)
contains.

XYZ(34.8415, 22.9580, 16.5049)	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(34.8415, 22.9580,
16.5049)**

Conversions

Conversions Part 1

Format	Color
Hex	D9596B
RGB	217, 89, 107
RGB Percent	85%, 35%, 42%
CMY	0.1490, 0.6510, 0.5804
CMYK	0.00, 0.59, 0.51, 0.15
HSL	352°, 63%, 60%
HSV	352°, 59%, 85%
XYZ	34.8415, 22.9580, 16.5049
YIQ	129.3240, 70.5100, 32.7340

Conversions

Conversions Part 2

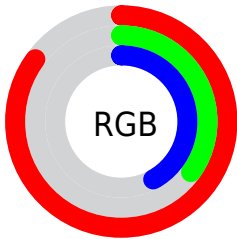
Format	Color
R_{YB}	217, 89, 107
Decimal	14244203
CIE Lab	55.03, 51.68, 15.83
CIE LCh	55, 54.049, 17.025
Yxy	22.9580, 0.4689, 0.3090
Android (android.graphics.Color)	4292434283 (0xFFD9596B)
YUV	129.3240, -11.0057, 76.8919
Hunter-Lab	47.9145, 45.9476, 13.1168

Details

The XYZ color **34.8415, 22.9580, 16.5049** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **39.2429, 55.8736, 62.7533**, and the grayscale version is **21.0008, 22.0945, 24.0609**.

A 20% lighter version of the original color is **57.3848, 43.6751, 37.7534**, and **15.2368, 8.5274, 5.1178** is the 20% darker color. If you saturate the color by 10%, you get **32.4167, 19.5131, 11.3668**, and if you desaturate by 10%, it is **38.0111, 27.5542, 22.9356**.

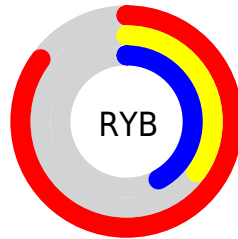
Distribution



Red (85%)

Green (35%)

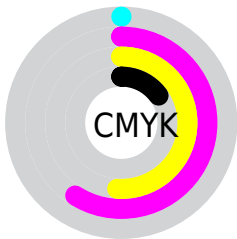
Blue (42%)



Red (85%)

Yellow (35%)

Blue (42%)

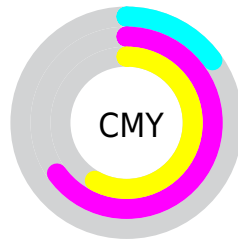


Cyan (0%)

Magenta (59%)

Yellow (51%)

Black (15%)



Cyan (15%)


Magenta (65%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.8415, 22.9580, 16.5049 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 34.8415, 22.9580, 16.5049 by changing the saturation by 10% instead.

 34.8415, 22.9580,
16.5049


 34.8415, 22.9580,
16.5049


315.3885,
267.5092, 244.2495


 23.7067, 14.5625,
9.7239


 66.5758, 48.3244,
38.2515


 15.2398, 8.5129,
5.1131


 87.9060, 66.0640,
54.0541

 9.0753, 4.4249,
2.2539


 113.3655, 87.6871,
73.7011

 4.8478, 1.9140,
0.7052

 143.3195,
113.5782, 97.6109

 2.1921, 0.5567,
0.0000

178.1335,
144.1215, 126.2021

 0.7386, 0.0000,
0.0000

218.1727,

 0.0000, 0.0000,

179.7015, 159.8932

0.0000

263.8026,
220.7026, 199.1029

■ 34.8415, 22.9580,
16.5049

■ 34.8415, 22.9580,
16.5049

■ 32.4167, 19.5131,
11.3668

■ 38.0111, 27.5542,
22.9356

■ 30.6730, 17.1136,
7.4317

■ 41.9788, 33.3877,
30.7377

■ 29.5386, 15.6406,
4.6001

■ 46.7948, 40.5409,
39.9851

■ 28.9054, 14.9061,
2.7491

■ 52.5048, 49.0877,
50.7462

■ 28.8560, 14.8480,
2.6075

■ 59.1512, 59.0968,
63.0847

■ 66.7735, 70.6321,
77.0608

■ 75.4091, 83.7539,
92.7316

■ 82.4252, 93.4917,
108.3092

Harmonies

Analogous

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



35.1311, 22.9580, 33.1892



34.8415, 22.9580, 16.5049



30.6850, 22.9580, 7.7593

Triad

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



34.8415, 22.9580, 16.5049



14.4105, 22.9580, 8.5426



19.3276, 22.9580, 73.1101

Complementary

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



34.8415, 22.9580, 16.5049



39.2429, 55.8736, 62.7533

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.



14.8529, 22.9580, 57.8750



34.8415, 22.9580, 16.5049



12.3854, 22.9580, 18.2782

Square

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



34.8415, 22.9580, 16.5049



18.6090, 22.9580, 4.8268



12.5309, 22.9580, 35.9944



25.3826, 22.9580, 71.8788

Rectangle

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



34.8415, 22.9580, 16.5049



26.6498, 22.9580, 5.2300



12.5309, 22.9580, 35.9944



17.6137, 22.9580, 69.5290

Sweetspot

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



34.8421, 22.9592, 16.5053



76.4019, 71.8448, 74.5035



39.3336, 24.1345, 68.2308



15.7996, 14.5469, 14.9108



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.



34.8421, 22.9592, 16.5053



45.9568, 27.0594, 14.7062



38.9168, 32.4694, 13.6689



13.1302, 13.0812, 13.9470



17.4910, 8.9974, 1.6996



1.1576, 0.5927, 0.2387

Inverse Universe

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



34.8421, 22.9592, 16.5053



45.9568, 27.0594, 14.7062



31.4360, 36.7161, 71.0755



13.1302, 13.0812, 13.9470



17.4910, 8.9974, 1.6996



1.1576, 0.5927, 0.2387

Previews

White Background



This preview shows how the XYZ color 34.8415, 22.9580, 16.5049 looks on a white background.

Color Contrast Check

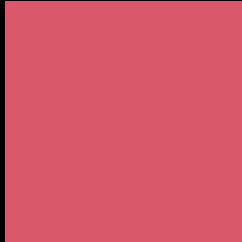
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.8415, 22.9580, 16.5049 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 34.8415, 22.9580, 16.5049

Background



This preview shows how black text looks on a background with the XYZ color 34.8415, 22.9580, 16.5049.



This preview shows how white text looks on a background with the XYZ color 34.8415, 22.9580,

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

34.8415, 22.9580, 16.5049

Protanopia

22.1392, 23.2119, 23.7356

Deuteranopia

23.4559, 23.0869, 15.5319



Tritanopia

34.2177, 22.9442, 13.9345

Trichromacy



Original Color

34.8415, 22.9580, 16.5049

Protanomaly

25.1526, 21.8462, 20.6603

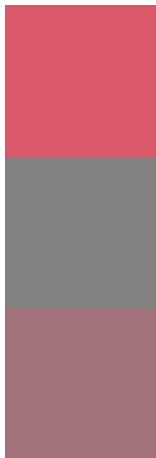
Deuteranomaly

26.7134, 22.2545, 15.7196

Tritanomaly

34.3240, 22.8508, 14.9135

Monochromacy



Original Color

34.8415, 22.9580, 16.5049

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

24.1664, 20.9922, 20.8673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8415, 22.9580, 16.5049 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(217, 89, 107)` looks like.

```
.text, #text, p{  
    color:rgb(217, 89, 107)  
}
```

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(217, 89, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 89, 107) }
```

Border

The CSS property to change the border of an element to XYZ 34.8415, 22.9580, 16.5049 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(217, 89, 107) }
```


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

```
.border{ border-color:rgb(217, 89, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 89, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 89, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 89, 107); box-shadow:4px 4px 4px 4px rgb(217, 89, 107) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8415, 22.9580, 16.5049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 89, 107) }
```

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

```
.background{ background-color: rgb(217, 89,  
107) }
```

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