

Converting Colors

XYZ(34.3452, 22.2344, 21.2211)

Have a look what the booklet for
XYZ(34.3452, 22.2344, 21.2211)
contains.

XYZ(34.3435, 22.2318, 21.2199)	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(34.3435, 22.2318,
21.2199)**

Conversions

Conversions Part 1

Format	Color
Hex	D5567B
RGB	213, 86, 123
RGB Percent	84%, 34%, 48%
CMY	0.1647, 0.6627, 0.5176
CMYK	0.00, 0.60, 0.42, 0.16
HSL	343°, 60%, 59%
HSV	343°, 60%, 84%
XYZ	34.3435, 22.2318, 21.2199
YIQ	128.1910, 63.8150, 38.4310

Conversions

Conversions Part 2

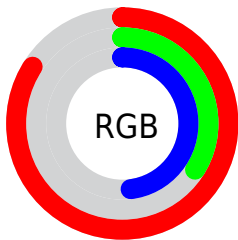
Format	Color
R_{YB}	213, 86, 123
Decimal	13981307
CIE _{Lab}	54.27, 53.23, 5.20
CIE _{LCh}	54, 53.484, 5.583
Yxy	22.2318, 0.4415, 0.2858
Android (android.graphics.Color)	4292171387 (0xFFD5567B)
YUV	128.1910, -2.5592, 74.3775
Hunter-Lab	47.1506, 47.5020, 6.3223

Details

The XYZ color **34.3435, 22.2318, 21.2199** 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 **35.4698, 52.7021, 49.3810**, and the grayscale version is **20.5781, 21.6498, 23.5766**.

A 20% lighter version of the original color is **58.5027, 43.4049, 45.8520**, and **14.9884, 8.1619, 7.4420** is the 20% darker color. If you saturate the color by 10%, you get **32.0158, 18.9739, 16.1358**, and if you desaturate by 10%, it is **37.3247, 26.5635, 27.2412**.

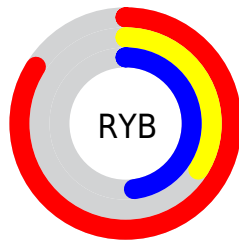
Distribution



Red (84%)

Green (34%)

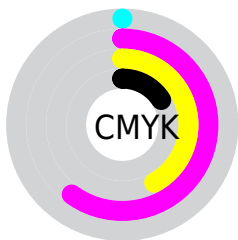
Blue (48%)



Red (84%)

Yellow (34%)

Blue (48%)

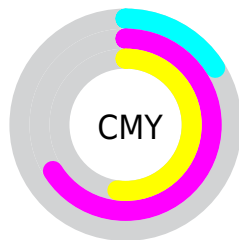


Cyan (0%)

Magenta (60%)

Yellow (42%)

Black (16%)



Cyan (16%)


Magenta (66%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.3435, 22.2318, 21.2199 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 34.3435, 22.2318, 21.2199 by changing the saturation by 10% instead.


 34.3435, 22.2318,
21.2199


 34.3435, 22.2318,
21.2199


313.2200,
263.7544, 271.2642


 23.3217, 14.0273,
13.0920


 65.8082, 47.1288,
46.3388


 14.9533, 8.1397,
7.3605


 86.9819, 64.5901,
64.1668

 8.8727, 4.1845,
3.6067


 112.2703, 85.9059,
86.0654

 4.7147, 1.7773,
1.4122

 142.0387,
111.4604, 112.4529

 2.1139, 0.4729,
0.1512

176.6526,
141.6381, 143.7480

 0.6967, 0.0000,
0.0000

216.4772,

 0.0000, 0.0000,

176.8234, 180.3693

0.0000

261.8779,
217.4007, 222.7351

■ 34.3435, 22.2318,
21.2199

■ 34.3435, 22.2318,
21.2199

■ 32.0158, 18.9739,
16.1358

■ 37.3247, 26.5635,
27.2412

■ 30.2867, 16.6906,
11.9371

■ 41.0048, 32.0497,
34.2448

■ 29.0944, 15.2700,
8.5681

■ 45.4267, 38.7672,
42.2744

■ 28.3359, 14.5183,
5.9559

■ 50.6297, 46.7852,
51.3703

■ 28.3113, 14.4944,
5.8697

■ 56.6500, 56.1679,
61.5707

■ 63.5214, 66.9751,
72.9119

■ 71.2761, 79.2630,
85.4283

■ 79.4937, 92.1834,
99.0027

■ 81.2505, 92.8861,
108.2542

Harmonies

Analogous

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



33.0496, 22.2318, 40.0236



34.3435, 22.2318, 21.2199



31.6039, 22.2318, 9.9343

Triad

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



34.3435, 22.2318, 21.2199



15.2637, 22.2318, 6.3751



16.8331, 22.2318, 66.7020

Complementary

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



34.3435, 22.2318, 21.2199



35.4698, 52.7021, 49.3810

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.



13.2720, 22.2318, 48.0619



34.3435, 22.2318, 21.2199



12.4892, 22.2318, 13.2261

Square

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



34.3435, 22.2318, 21.2199



20.0603, 22.2318, 4.2660



11.8334, 22.2318, 27.4613



22.2385, 22.2318, 72.1820

Rectangle

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



34.3435, 22.2318, 21.2199



28.1098, 22.2318, 6.2226



11.8334, 22.2318, 27.4613



15.4144, 22.2318, 61.4516

Sweetspot

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



34.3441, 22.2330, 21.2203



77.3130, 72.2092, 79.3014



32.9959, 20.5635, 65.1807



16.0183, 14.6344, 16.0623



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.



34.3441, 22.2330, 21.2203



47.2129, 27.2952, 22.1428



34.8494, 26.2758, 12.0407



12.5706, 12.4797, 13.6789



17.3327, 8.8694, 3.7899



1.0813, 0.5493, 0.4173

Inverse Universe

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



34.3441, 22.2330, 21.2203



47.2129, 27.2952, 22.1428



33.7469, 42.5792, 69.3906



12.5706, 12.4797, 13.6789



17.3327, 8.8694, 3.7899



1.0813, 0.5493, 0.4173

Previews

White Background



This preview shows how the XYZ color 34.3435, 22.2318, 21.2199 looks on a white background.

Color Contrast Check

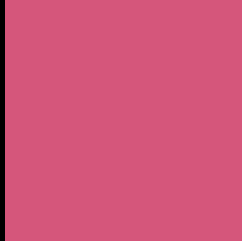
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.3435, 22.2318, 21.2199 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 34.3435, 22.2318, 21.2199

Background



This preview shows how black text looks on a background with the XYZ color 34.3435, 22.2318, 21.2199.

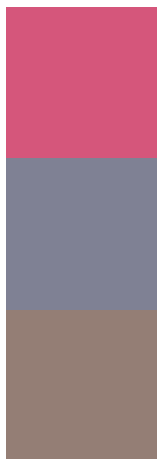


This preview shows how white text looks on a background with the XYZ color 34.3435, 22.2318,

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

34.3435, 22.2318, 21.2199

Protanopia

21.9479, 22.3507, 31.1743

Deuteranopia

22.8845, 22.5020, 19.9668



Tritanopia

32.7627, 22.1941, 13.8664

Trichromacy



Original Color

34.3435, 22.2318, 21.2199

Protanomaly

24.6659, 20.9434, 27.1686

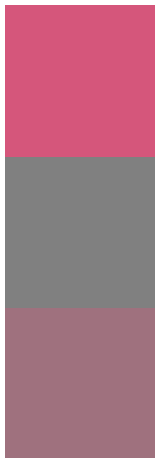
Deuteranomaly

26.0275, 21.4714, 20.2254

Tritanomaly

33.3253, 22.1824, 16.1609

Monochromacy



Original Color

34.3435, 22.2318, 21.2199

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

23.9691, 20.6875, 22.4684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3435, 22.2318, 21.2199 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(213, 86, 123)` looks like.

```
.text, #text, p{  
  color:rgb(213, 86, 123)  
}
```

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(213, 86, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 86, 123) }
```

Border

The CSS property to change the border of an element to XYZ 34.3435, 22.2318, 21.2199 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(213, 86, 123) }
```


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

```
.border{ border-color:rgb(213, 86, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 86, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 86, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 86, 123);  
box-shadow:4px 4px 4px 4px rgb(213, 86,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3435, 22.2318, 21.2199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 86, 123) }
```

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

```
.background{ background-color: rgb(213, 86,  
123) }
```

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