

Converting Colors

XYZ(33.1843, 22.2932, 22.7259)

Have a look what the booklet for
XYZ(33.1843, 22.2932, 22.7259)
contains.

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Color

**XYZ(33.1115, 22.3084,
22.6395)**

Conversions

Conversions Part 1

Format	Color
Hex	CE5C7F
RGB	206, 92, 127
RGB Percent	81%, 36%, 50%
CMY	0.1922, 0.6392, 0.5020
CMYK	0.00, 0.55, 0.38, 0.19
HSL	342°, 54%, 58%
HSV	342°, 55%, 81%
XYZ	33.1115, 22.3084, 22.6395
YIQ	130.0760, 56.7090, 35.0530

Conversions

Conversions Part 2

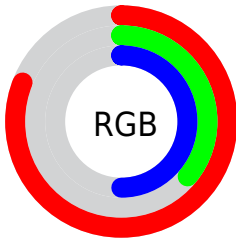
Format	Color
RYB	206, 92, 127
Decimal	13524095
CIELab	54.35, 48.57, 2.81
CIElCh	54, 48.654, 3.314
Yxy	22.3084, 0.4242, 0.2858
Android (android.graphics.Color)	4291714175 (0xFFCE5C7F)
YUV	130.0760, -1.5165, 66.5853
Hunter-Lab	47.2318, 42.4806, 4.6429

Details

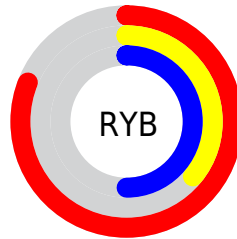
The XYZ color **33.1115, 22.3084, 22.6395** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **33.8368, 49.3587, 46.2747**, and the grayscale version is **21.2369, 22.3429, 24.3314**.

A 20% lighter version of the original color is **59.7571, 45.1131, 48.7382**, and **14.2495, 8.1691, 8.0335** is the 20% darker color. If you saturate the color by 10%, you get **30.6979, 18.8662, 17.5652**, and if you desaturate by 10%, it is **36.1433, 26.7758, 28.5707**.

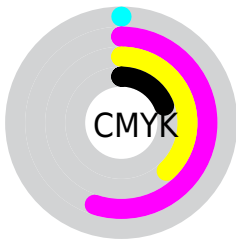
Distribution



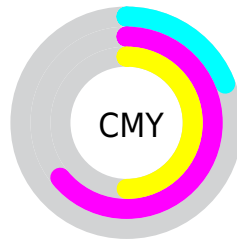
- Red (81%)
- Green (36%)
- Blue (50%)



- Red (81%)
- Yellow (36%)
- Blue (50%)



- Cyan (0%)
- Magenta (55%)
- Yellow (38%)
- Black (19%)





- Cyan (19%)
- Magenta (64%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.1115, 22.3084, 22.6395 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 33.1115, 22.3084, 22.6395 by changing the saturation by 10% instead.


 33.1115, 22.3084,
22.6395


 33.1115, 22.3084,
22.6395


307.8080,
264.1526, 278.9296


 22.3715, 14.0837,
14.1248


 63.9031, 47.2552,
48.7164


 14.2483, 8.1789,
8.0677


 84.6854, 64.7460,
67.1156

 8.3764, 4.2096,
4.0499


 109.5459, 86.0944,
89.6467

 4.3906, 1.7915,
1.6528

 138.8498,
111.6847, 116.7282

 1.9254, 0.4819,
0.3281

172.9627,
141.9012, 148.7787

 0.5915, 0.0000,
0.0000

212.2497,

 0.0000, 0.0000,

177.1285, 186.2168

0.0000

257.0764,
217.7508, 229.4609

■ 33.1115, 22.3084,
22.6395

■ 33.1115, 22.3084,
22.6395

■ 30.6979, 18.8662,
17.5652

■ 36.1433, 26.7758,
28.5707

■ 28.8548, 16.3629,
13.3042

■ 39.8324, 32.3387,
35.3970

■ 27.5301, 14.7036,
9.8100

■ 44.2168, 39.0650,
43.1553

■ 26.6601, 13.7712,
7.0302

■ 49.3311, 47.0163,
51.8803

■ 26.3575, 13.4834,
5.9510

■ 55.2072, 56.2498,
61.6045

■ 61.8755, 66.8189,
72.3592

■ 69.3645, 78.7741,
84.1740

■ 77.1221, 91.0052,
96.8844

■ 79.2636, 91.8618,
108.1612

Harmonies

Analogous

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



31.6919, 22.3084, 39.9238



33.1115, 22.3084, 22.6395



30.9270, 22.3084, 11.5137

Triad

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



33.1115, 22.3084, 22.6395



16.0776, 22.3084, 7.1368



16.9422, 22.3084, 60.8830

Complementary

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



33.1115, 22.3084, 22.6395



33.8368, 49.3587, 46.2747

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.



13.7670, 22.3084, 44.1394



33.1115, 22.3084, 22.6395



13.3294, 22.3084, 13.3858

Square

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



33.1115, 22.3084, 22.6395



20.6190, 22.3084, 5.2351



12.5595, 22.3084, 26.0189



21.7988, 22.3084, 66.7149

Rectangle

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



33.1115, 22.3084, 22.6395



27.9040, 22.3084, 7.5818



12.5595, 22.3084, 26.0189



15.6719, 22.3084, 56.0771

Sweetspot

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



33.1121, 22.3096, 22.6399



78.2809, 73.6061, 81.2855



31.5247, 20.6468, 60.7162



16.3835, 15.1753, 16.7684



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.



33.1121, 22.3096, 22.6399



49.2379, 29.8735, 27.3548



33.2802, 25.6838, 13.3301



11.3518, 11.2694, 12.3870



16.2685, 8.3180, 3.8665



0.8734, 0.4428, 0.3790

Inverse Universe

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



33.1121, 22.3096, 22.6399



49.2379, 29.8735, 27.3548



32.9250, 41.4721, 64.6621



11.3518, 11.2694, 12.3870



16.2685, 8.3180, 3.8665



0.8734, 0.4428, 0.3790

Previews

White Background



This preview shows how the XYZ color 33.1115, 22.3084, 22.6395 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 33.1115, 22.3084, 22.6395 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 33.1115, 22.3084, 22.6395

Background



This preview shows how black text looks on a background with the XYZ color 33.1115, 22.3084, 22.6395.



This preview shows how white text looks on a background with the XYZ color 33.1115, 22.3084,

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

33.1115, 22.3084, 22.6395

Protanopia

22.1598, 22.6472, 31.6372

Deuteranopia

22.8278, 22.4378, 21.5401



Tritanopia

31.6247, 22.3660, 15.4822

Trichromacy



Original Color

33.1115, 22.3084, 22.6395

Protanomaly

24.7634, 21.4818, 28.0405

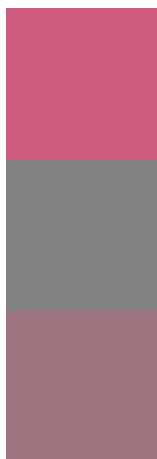
Deuteranomaly

25.8039, 21.8147, 21.9194

Tritanomaly

32.1937, 22.3334, 17.9432

Monochromacy



Original Color

33.1115, 22.3084, 22.6395

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

24.3084, 21.3449, 23.6077

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1115, 22.3084, 22.6395 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(206, 92, 127)` looks like.

```
.text, #text, p{  
    color:rgb(206, 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(206, 92, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 92, 127) }
```

Border

The CSS property to change the border of an element to XYZ 33.1115, 22.3084, 22.6395 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(206, 92, 127) }
```


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

```
.border{ border-color:rgb(206, 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(206, 92, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 92, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 92, 127);  
box-shadow:4px 4px 4px 4px rgb(206, 92,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1115, 22.3084, 22.6395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 92, 127) }
```

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

```
.background{ background-color: rgb(206, 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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