

Converting Colors

XYZ(33.1374, 22.8135, 36.8394)

Have a look what the booklet for
XYZ(33.1374, 22.8135, 36.8394)
contains.

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Color

**XYZ(33.1374, 22.8133,
36.8393)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C262A2 |
| RGB | 194, 98, 162 |
| RGB Percent | 76%, 38%, 64% |
| CMY | 0.2392, 0.6157, 0.3647 |
| CMYK | 0.00, 0.49, 0.16, 0.24 |
| HSL | 320°, 44%, 57% |
| HSV | 320°, 49%, 76% |
| XYZ | 33.1374, 22.8133, 36.8393 |
| YIQ | 134.0000, 36.6720, 40.2560 |

Conversions

Conversions Part 2

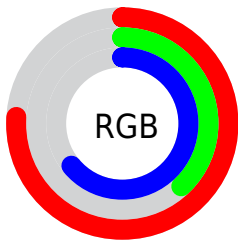
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 194, 98, 162 |
| Decimal | 12739234 |
| CIE _{Lab} | 54.88, 46.39, -17.16 |
| CIE _{LCh} | 55, 49.464, 339.705 |
| Yxy | 22.8133, 0.3571, 0.2459 |
| Android (android.graphics.Color) | 4290929314 (0xFFC262A2) |
| YUV | 134.0000, 13.8040, 52.6200 |
| Hunter-Lab | 47.7633, 40.2547, -12.2955 |

Details

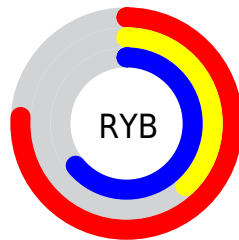
The XYZ color **33.1374, 22.8133, 36.8393** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **28.3591, 42.7927, 27.8860**, and the grayscale version is **22.6021, 23.7792, 25.8956**.

A 20% lighter version of the original color is **63.8975, 48.1617, 71.5740**, and **14.2341, 8.4058, 15.6241** is the 20% darker color. If you saturate the color by 10%, you get **30.9772, 19.3891, 33.3556**, and if you desaturate by 10%, it is **35.7684, 27.1312, 40.6262**.

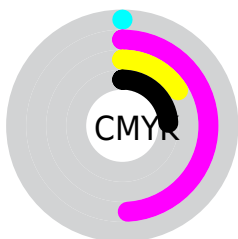
Distribution



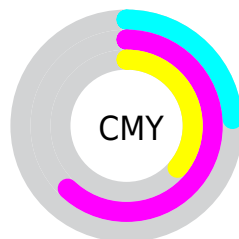
- Red (76%)
- Green (38%)
- Blue (64%)



- Red (76%)
- Yellow (38%)
- Blue (64%)



- Cyan (0%)
- Magenta (49%)
- Yellow (16%)
- Black (24%)





- Cyan (24%)
- Magenta (62%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.1374, 22.8133, 36.8393 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 33.1374, 22.8133, 36.8393 by changing the saturation by 10% instead.


 33.1374, 22.8133,
36.8393


 33.1374, 22.8133,
36.8393


307.9225,
266.7646, 347.7620

 22.3915, 14.4557,
24.7883

 63.9432, 48.0866,
71.5091


 14.2630, 8.4383,
15.7018


 84.7338, 65.7711,
94.9650

 8.3868, 4.3767,
9.1613


 109.6034, 87.3333,
123.0596

 4.3973, 1.8864,
4.7483

 138.9172,
113.1577, 156.2114

 1.9293, 0.5402,
2.0442

173.0406,
143.6286, 194.8390

 0.5938, 0.0000,
0.5823

212.3391,

 0.0000, 0.0000,

179.1305, 239.3610

0.0000

257.1779,
220.0477, 290.1958

■ 33.1374, 22.8133,
36.8393

■ 33.1374, 22.8133,
36.8393

■ 30.9772, 19.3891,
33.3556

■ 35.7684, 27.1312,
40.6262

■ 29.2530, 16.7905,
30.1608

■ 38.8977, 32.3980,
44.7271

■ 27.9282, 14.9449,
27.2405


■ 42.5530, 38.6680,
49.1533


■ 26.9590, 13.7655,
24.5781


■ 46.7593, 45.9907,
53.9153


■ 26.2661, 13.0940,
22.1446

■ 51.5400, 54.4122,
59.0229

 26.2328, 13.0632,
22.0232

 56.9170, 63.9758,
64.4854

 62.9113, 74.7226,
70.3116

 69.5425, 86.6914,
76.5099

 70.9536, 88.1675,
81.1300

Harmonies

Analogous

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



29.1314, 22.8133, 56.0215



33.1374, 22.8133, 36.8393



33.8094, 22.8133, 20.0941

Triad

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



33.1374, 22.8133, 36.8393



19.9559, 22.8133, 5.3931



14.5481, 22.8133, 49.5207

Complementary

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



33.1374, 22.8133, 36.8393



28.3591, 42.7927, 27.8860

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.



12.8707, 22.8133, 30.2794



33.1374, 22.8133, 36.8393



15.6271, 22.8133, 8.1105

Square

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



33.1374, 22.8133, 36.8393



25.5454, 22.8133, 5.9305



13.2294, 22.8133, 15.7779



18.2316, 22.8133, 65.2289

Rectangle

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



33.1374, 22.8133, 36.8393



32.1780, 22.8133, 12.6906



13.2294, 22.8133, 15.7779



13.7616, 22.8133, 42.9848

Sweetspot

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



33.1381, 22.8144, 36.8398



80.2048, 75.4491, 92.6392



23.3123, 17.3775, 53.1648



17.2140, 15.9147, 19.8861



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.



33.1381, 22.8144, 36.8398



55.9642, 34.8830, 60.1579



29.6540, 21.4207, 18.4926



10.3499, 10.1886, 11.9333



17.2865, 8.6043, 14.6865



0.7778, 0.3841, 0.7972

Inverse Universe

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



33.1381, 22.8144, 36.8398



55.9642, 34.8830, 60.1579



32.3655, 44.3952, 48.9835



10.3499, 10.1886, 11.9333



17.2865, 8.6043, 14.6865



0.7778, 0.3841, 0.7972

Previews

White Background



This preview shows how the XYZ color 33.1374, 22.8133, 36.8393 looks on a white background.

Color Contrast Check

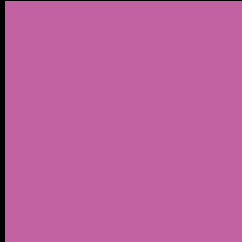
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.1374, 22.8133, 36.8393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

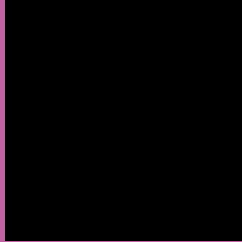
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.1374, 22.8133, 36.8393

Background



This preview shows how black text looks on a background with the XYZ color 33.1374, 22.8133, 36.8393.



This preview shows how white text looks on a background with the XYZ color 33.1374, 22.8133,

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

33.1374, 22.8133, 36.8393

Protanopia

23.8098, 23.1129, 49.1053

Deuteranopia

23.4518, 23.0404, 35.1095



Tritanopia

29.5012, 22.8049, 19.3699

Trichromacy



Original Color

33.1374, 22.8133, 36.8393



Protanomaly

25.9158, 22.0605, 44.4872



Deuteranomaly

26.2540, 22.4286, 35.7463



Tritanomaly

30.6698, 22.6705, 24.9497

Monochromacy



Original Color

33.1374, 22.8133, 36.8393



Achromatopsia

22.6597, 23.8398, 25.9615



Achromatomaly

25.5817, 22.7563, 29.4297

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1374, 22.8133, 36.8393 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(194, 98, 162)` looks like.

```
.text, #text, p{  
    color:rgb(194, 98, 162)  
}
```

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(194, 98, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 98, 162) }
```

Border

The CSS property to change the border of an element to XYZ 33.1374, 22.8133, 36.8393 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(194, 98, 162) }
```


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

```
.border{ border-color:rgb(194, 98, 162) }
```

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

Here you see how a box with a 4 pixel rgb(194, 98, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 98, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 98, 162);  
box-shadow:4px 4px 4px 4px rgb(194, 98,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1374, 22.8133, 36.8393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 98, 162) }
```

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

```
.background{ background-color: rgb(194, 98,  
162) }
```

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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