

Converting Colors

XYZ(33.6941, 22.4756, 18.4642)

Have a look what the booklet for
XYZ(33.6941, 22.4756, 18.4642)
contains.

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Color

**XYZ(33.5574, 22.3761,
18.4699)**

Conversions

Conversions Part 1

Format	Color
Hex	D35A72
RGB	211, 90, 114
RGB Percent	83%, 35%, 45%
CMY	0.1725, 0.6470, 0.5529
CMYK	0.00, 0.57, 0.46, 0.17
HSL	348°, 58%, 59%
HSV	348°, 57%, 83%
XYZ	33.5574, 22.3761, 18.4699
YIQ	128.9150, 64.4120, 33.1160

Conversions

Conversions Part 2

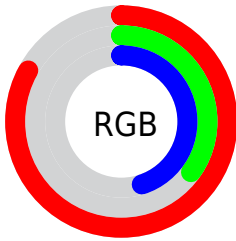
Format	Color
R_{YB}	211, 90, 114
Decimal	13851250
CIE _{Lab}	54.42, 49.84, 10.71
CIE _{LCh}	54, 50.976, 12.125
Yxy	22.3761, 0.4510, 0.3007
Android (android.graphics.Color)	4292041330 (0xFFD35A72)
YUV	128.9150, -7.3531, 71.9885
Hunter-Lab	47.3034, 43.8484, 9.9622

Details

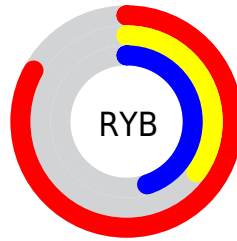
The XYZ color **33.5574, 22.3761, 18.4699** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **36.4817, 52.3506, 55.1992**, and the grayscale version is **20.8464, 21.9321, 23.8840**.

A 20% lighter version of the original color is **58.0962, 43.9597, 41.4995**, and **14.5043, 8.2128, 5.9750** is the 20% darker color. If you saturate the color by 10%, you get **31.1480, 18.9583, 13.3476**, and if you desaturate by 10%, it is **36.6511, 26.8775, 24.6991**.

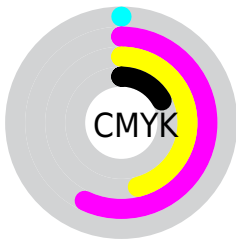
Distribution



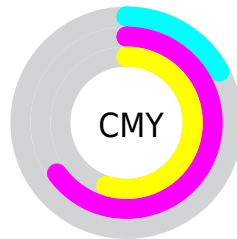
- Red (83%)
- Green (35%)
- Blue (45%)



- Red (83%)
- Yellow (35%)
- Blue (45%)



- Cyan (0%)
- Magenta (57%)
- Yellow (46%)
- Black (17%)




- Cyan (17%)
- Magenta (65%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.5574, 22.3761, 18.4699 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 33.5574, 22.3761, 18.4699 by changing the saturation by 10% instead.

 33.5574, 22.3761,
18.4699

 33.5574, 22.3761,
18.4699


309.7747,
264.5041, 255.8309


 22.7151, 14.1335,
11.1150


 64.5937, 47.3668,
41.6611

 14.5028, 8.2136,
6.0291


 85.5183, 64.8838,
58.3345

 8.5552, 4.2319,
2.7937


 110.5344, 86.2609,
78.9510

 4.5070, 1.8041,
0.9903

 140.0074,
111.8827, 103.9293

 1.9928, 0.4897,
0.0000

174.3026,
142.1335, 133.6879

 0.6299, 0.0000,
0.0000

213.7853,

 0.0000, 0.0000,

177.3978, 168.6454

0.0000

258.8209,
218.0598, 209.2202

■ 33.5574, 22.3761,
18.4699

■ 33.5574, 22.3761,
18.4699

■ 31.1480, 18.9583,
13.3476

■ 36.6511, 26.8775,
24.6991

■ 29.3672, 16.5287,
9.2647

■ 40.4753, 32.5404,
32.0950

■ 28.1535, 14.9811,
6.1476

■ 45.0741, 39.4394,
40.7140

■ 27.4246, 14.1705,
3.9095

■ 50.4875, 47.6420,
50.6087

■ 27.2790, 14.0149,
3.4431

■ 56.7528, 57.2106,
61.8286

■ 63.9051, 68.2040,
74.4205

■ 71.9771, 80.6770,
88.4288

■ 79.7738, 92.2288,
103.4872

■ 80.6739, 92.5889,
108.2272

Harmonies

Analogous

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



33.1818, 22.3761, 35.0481



33.5574, 22.3761, 18.4699



30.2455, 22.3761, 9.0332

Triad

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



33.5574, 22.3761, 18.4699



14.8601, 22.3761, 7.9559



18.1457, 22.3761, 66.7915

Complementary

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



33.5574, 22.3761, 18.4699



36.4817, 52.3506, 55.1992

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.



14.2697, 22.3761, 51.2865



33.5574, 22.3761, 18.4699



12.6134, 22.3761, 16.1068

Square

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



33.5574, 22.3761, 18.4699



19.0957, 22.3761, 4.9921



12.4181, 22.3761, 31.3944



23.5987, 22.3761, 68.3641

Rectangle

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



33.5574, 22.3761, 18.4699



26.6809, 22.3761, 6.0598



12.4181, 22.3761, 31.3944



16.6414, 22.3761, 62.8011

Sweetspot

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



33.5580, 22.3773, 18.4703



77.6470, 73.3525, 77.9475



35.8595, 22.5564, 64.0917



16.2353, 15.1160, 15.9876



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.



33.5580, 22.3773, 18.4703



47.0735, 28.0728, 18.8398



36.2096, 29.5870, 13.4768



11.9032, 11.8460, 12.7661



16.4922, 8.4697, 2.2321



0.9508, 0.4850, 0.2758

Inverse Universe

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



33.5580, 22.3773, 18.4703



47.0735, 28.0728, 18.8398



31.2470, 37.4212, 67.2041



11.9032, 11.8460, 12.7661



16.4922, 8.4697, 2.2321



0.9508, 0.4850, 0.2758

Previews

White Background



This preview shows how the XYZ color 33.5574, 22.3761, 18.4699 looks on a white background.

Color Contrast Check

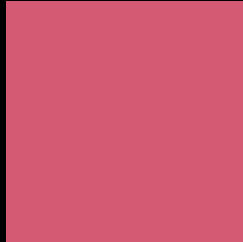
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.5574, 22.3761, 18.4699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

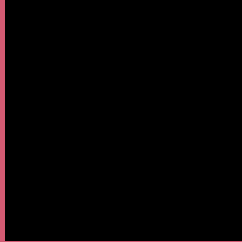
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.5574, 22.3761, 18.4699

Background



This preview shows how black text looks on a background with the XYZ color 33.5574, 22.3761, 18.4699.



This preview shows how white text looks on a background with the XYZ color 33.5574, 22.3761,

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

33.5574, 22.3761, 18.4699

Protanopia

21.8715, 22.6201, 26.1350

Deuteranopia

22.9301, 22.5837, 17.3379



Tritanopia

32.7448, 22.4312, 14.4082

Trichromacy



Original Color

33.5574, 22.3761, 18.4699

Protanomaly

24.6594, 21.3708, 22.9040

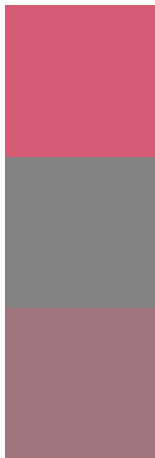
Deuteranomaly

25.9532, 21.8203, 17.5957

Tritanomaly

32.9042, 22.3554, 15.6775

Monochromacy



Original Color

33.5574, 22.3761, 18.4699

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

24.0669, 21.0876, 21.8706

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5574, 22.3761, 18.4699 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(211, 90, 114)` looks like.

```
.text, #text, p{  
    color:rgb(211, 90, 114)  
}
```

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(211, 90, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 90, 114) }
```

Border

The CSS property to change the border of an element to XYZ 33.5574, 22.3761, 18.4699 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(211, 90, 114) }
```


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

```
.border{ border-color:rgb(211, 90, 114) }
```

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

Here you see how a box with a 4 pixel rgb(211, 90, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 90, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 90, 114);  
box-shadow:4px 4px 4px 4px rgb(211, 90,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5574, 22.3761, 18.4699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 90, 114) }
```

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

```
.background{ background-color: rgb(211, 90,  
114) }
```

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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