

Converting Colors

XYZ(34.3247, 22.8744, 15.1765)

Have a look what the booklet for
XYZ(34.3247, 22.8744, 15.1765)
contains.

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Color

**XYZ(34.3733, 22.8706,
15.1732)**

Conversions

Conversions Part 1

Format	Color
Hex	D85A66
RGB	216, 90, 102
RGB Percent	85%, 35%, 40%
CMY	0.1529, 0.6470, 0.6000
CMYK	0.00, 0.58, 0.53, 0.15
HSL	354°, 62%, 60%
HSV	354°, 58%, 85%
XYZ	34.3733, 22.8706, 15.1732
YIQ	129.0420, 71.2440, 30.4440

Conversions

Conversions Part 2

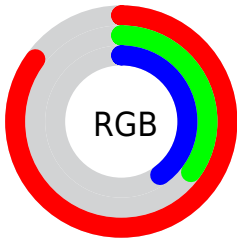
Format	Color
R _Y B	216, 90, 102
Decimal	14178918
CIE Lab	54.94, 50.46, 18.62
CIE LCh	55, 53.785, 20.253
Yxy	22.8706, 0.4747, 0.3158
Android (android.graphics.Color)	4292368998 (0xFFD85A66)
YUV	129.0420, -13.3317, 76.2622
Hunter-Lab	47.8232, 44.6076, 14.6649

Details

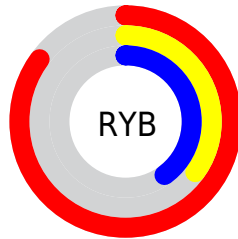
The XYZ color **34.3733, 22.8706, 15.1732** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **39.6728, 55.6454, 65.7805**, and the grayscale version is **20.9096, 21.9986, 23.9564**.

A 20% lighter version of the original color is **56.9630, 43.5064, 35.5323**, and **14.9719, 8.4878, 4.4636** is the 20% darker color. If you saturate the color by 10%, you get **31.9510, 19.3988, 10.1344**, and if you desaturate by 10%, it is **37.5544, 27.4947, 21.5925**.

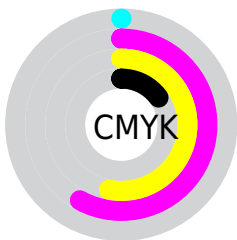
Distribution



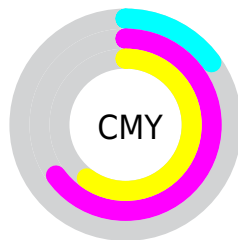
- Red (85%)
- Green (35%)
- Blue (40%)



- Red (85%)
- Yellow (35%)
- Blue (40%)



- Cyan (0%)
- Magenta (58%)
- Yellow (53%)
- Black (15%)





- Cyan (15%)
- Magenta (65%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.3733, 22.8706, 15.1732 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 34.3733, 22.8706, 15.1732 by changing the saturation by 10% instead.

 34.3733, 22.8706,
15.1732


 34.3733, 22.8706,
15.1732


313.3501,
267.0597, 236.0890


 23.3448, 14.4980,
8.7931


 65.8542, 48.1808,
35.9033


 14.9704, 8.4678,
4.5115


 87.0373, 65.8871,
51.0904

 8.8848, 4.3957,
1.9099


 112.3359, 87.4735,
70.0502

 4.7226, 1.8973,
0.4990

 142.1155,
113.3243, 93.2013

 2.1185, 0.5468,
0.0000

176.7414,
143.8239, 120.9621

 0.6993, 0.0000,
0.0000

216.5788,

 0.0000, 0.0000,

179.3568, 153.7513

0.0000

261.9933,
220.3072, 191.9874

■ 34.3733, 22.8706,
15.1732

■ 34.3733, 22.8706,
15.1732

■ 31.9510, 19.3988,
10.1344

■ 37.5544, 27.4947,
21.5925

■ 30.2224, 16.9745,
6.3734

■ 41.5491, 33.3566,
29.4825

■ 29.1137, 15.4802,
3.7747

■ 46.4088, 40.5379,
38.9271

■ 28.5209, 14.7424,
2.1970

■ 52.1803, 49.1121,
50.0037

■ 28.4500, 14.6514,
2.0168

■ 58.9072, 59.1476,
62.7842

■ 66.6301, 70.7079,
77.3365

■ 75.3871, 83.8531,
93.7247

■ 82.1287, 93.3388,
108.2953

Harmonies

Analogous

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



35.1165, 22.8706, 30.8884



34.3733, 22.8706, 15.1732



29.9282, 22.8706, 7.2209

Triad

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



34.3733, 22.8706, 15.1732



14.0571, 22.8706, 9.2492



19.8531, 22.8706, 73.3401

Complementary

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



34.3733, 22.8706, 15.1732



39.6728, 55.6454, 65.7805

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.



15.1972, 22.8706, 59.6645



34.3733, 22.8706, 15.1732



12.2790, 22.8706, 19.7442

Square

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



34.3733, 22.8706, 15.1732



18.0038, 22.8706, 5.0481



12.6543, 22.8706, 38.0935



25.9554, 22.8706, 70.1875

Rectangle

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



34.3733, 22.8706, 15.1732



25.8484, 22.8706, 5.0139



12.6543, 22.8706, 38.0935



18.0879, 22.8706, 70.3857

Sweetspot

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



34.3739, 22.8718, 15.1736



77.0619, 73.1185, 74.8660



40.7892, 25.0243, 67.6457



16.0989, 15.0614, 15.2694



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.



34.3739, 22.8718, 15.1736



45.8566, 27.2971, 13.3223



39.6018, 34.2118, 14.1909



12.4708, 12.4398, 13.1535



16.8574, 8.6793, 1.2874



1.0336, 0.5302, 0.1664

Inverse Universe

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



34.3739, 22.8718, 15.1736



45.8566, 27.2971, 13.3223



30.1759, 34.2602, 69.9877



12.4708, 12.4398, 13.1535



16.8574, 8.6793, 1.2874



1.0336, 0.5302, 0.1664

Previews

White Background



This preview shows how the XYZ color 34.3733, 22.8706, 15.1732 looks on a white background.

Color Contrast Check

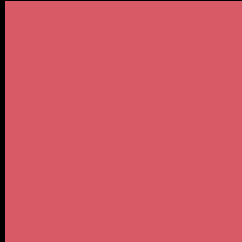
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.3733, 22.8706, 15.1732 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 34.3733, 22.8706, 15.1732

Background



This preview shows how black text looks on a background with the XYZ color 34.3733, 22.8706, 15.1732.



This preview shows how white text looks on a background with the XYZ color 34.3733, 22.8706,

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

34.3733, 22.8706, 15.1732

Protanopia

22.0806, 23.2260, 21.7317

Deuteranopia

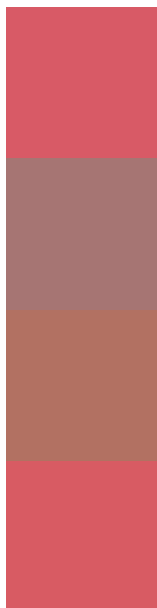
23.2825, 22.8342, 14.2466



Tritanopia

34.2177, 22.9442, 13.9345

Trichromacy



Original Color

34.3733, 22.8706, 15.1732

Protanomaly

25.1817, 22.0674, 19.1519

Deuteranomaly

26.4698, 22.1571, 14.4369

Tritanomaly

34.3121, 22.9820, 14.4319

Monochromacy



Original Color

34.3733, 22.8706, 15.1732

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

24.1584, 21.1704, 20.2658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3733, 22.8706, 15.1732 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(216, 90, 102)` looks like.

```
.text, #text, p{  
    color:rgb(216, 90, 102)  
}
```

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(216, 90, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 90, 102) }
```

Border

The CSS property to change the border of an element to XYZ 34.3733, 22.8706, 15.1732 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(216, 90, 102) }
```


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

```
.border{ border-color:rgb(216, 90, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 90, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 90, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 90, 102);  
box-shadow:4px 4px 4px 4px rgb(216, 90,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3733, 22.8706, 15.1732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 90, 102) }
```

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

```
.background{ background-color: rgb(216, 90,  
102) }
```

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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