

Converting Colors

XYZ(35.1387, 22.8395, 15.2125)

Have a look what the booklet for
XYZ(35.1387, 22.8395, 15.2125)
contains.

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Color

**XYZ(35.0199, 22.8358,
15.1324)**

Conversions

Conversions Part 1

Format	Color
Hex	DB5766
RGB	219, 87, 102
RGB Percent	86%, 34%, 40%
CMY	0.1412, 0.6588, 0.6000
CMYK	0.00, 0.60, 0.53, 0.14
HSL	353°, 65%, 60%
HSV	353°, 60%, 86%
XYZ	35.0199, 22.8358, 15.1324
YIQ	128.1780, 73.8570, 32.6490

Conversions

Conversions Part 2

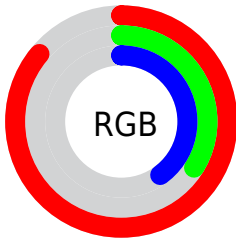
Format	Color
RYB	219, 87, 102
Decimal	14374758
CIELab	54.90, 52.83, 18.65
CIELCh	55, 56.030, 19.442
Yxy	22.8358, 0.4798, 0.3129
Android (android.graphics.Color)	4292564838 (0xFFDB5766)
YUV	128.1780, -12.9058, 79.6509
Hunter-Lab	47.7868, 47.1843, 14.6757

Details

The XYZ color **35.0199, 22.8358, 15.1324** 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 **40.1626, 57.0494, 66.0260**, and the grayscale version is **20.6060, 21.6791, 23.6086**.

A 20% lighter version of the original color is **56.6628, 42.9059, 35.4322**, and **15.4029, 8.4773, 4.4389** is the 20% darker color. If you saturate the color by 10%, you get **32.6553, 19.4712, 10.1377**, and if you desaturate by 10%, it is **38.1487, 27.3683, 21.4943**.

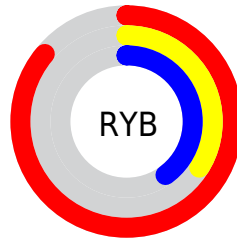
Distribution



Red (86%)

Green (34%)

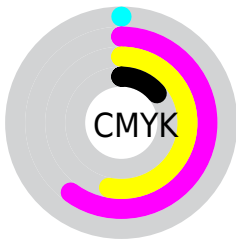
Blue (40%)



Red (86%)

Yellow (34%)

Blue (40%)

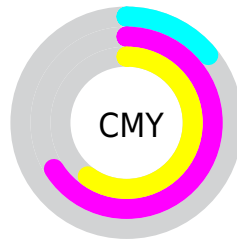


Cyan (0%)

Magenta (60%)

Yellow (53%)

Black (14%)



Cyan (14%)


Magenta (66%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0199, 22.8358, 15.1324 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 35.0199, 22.8358, 15.1324 by changing the saturation by 10% instead.

 35.0199, 22.8358,
15.1324


 35.0199, 22.8358,
15.1324


316.1626,
266.8805, 235.8345


 23.8448, 14.4723,
8.7647


 66.8504, 48.1236,
35.8309


 15.3426, 8.4499,
4.4933


 88.2365, 65.8166,
50.9987

 9.1481, 4.3841,
1.8997


 113.7570, 87.3884,
69.9370

 4.8958, 1.8907,
0.4925

 143.7773,
113.2231, 93.0644

 2.2204, 0.5428,
0.0000

178.6626,
143.7053, 120.7992

 0.7534, 0.0000,
0.0000

218.7783,

 0.0000, 0.0000,

179.2194, 153.5602

0.0000

264.4899,
220.1496, 191.7658

■ 35.0199, 22.8358,
15.1324

■ 35.0199, 22.8358,
15.1324

■ 32.6553, 19.4712,
10.1377

■ 38.1487, 27.3683,
21.4943

■ 30.9869, 17.1638,
6.4082

■ 42.0986, 33.1590,
29.3128

■ 29.9374, 15.7878,
3.8291

■ 46.9228, 40.2934,
38.6713

■ 29.3874, 15.1297,
2.2841

■ 52.6697, 48.8486,
49.6463

■ 59.3841, 58.8959,
62.3092

■ 67.1078, 70.5015,
76.7273

■ 75.8802, 83.7281,
92.9642

■ 83.0233, 93.8000,
108.3372

Harmonies

Analogous

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



35.6824, 22.8358, 31.6695



35.0199, 22.8358, 15.1324



30.4289, 22.8358, 6.8847

Triad

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



35.0199, 22.8358, 15.1324



13.8398, 22.8358, 8.6012



19.5900, 22.8358, 75.8920

Complementary

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



35.0199, 22.8358, 15.1324



40.1626, 57.0494, 66.0260

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.



14.8312, 22.8358, 60.9335



35.0199, 22.8358, 15.1324



11.9573, 22.8358, 19.1113

Square

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



35.0199, 22.8358, 15.1324



17.9688, 22.8358, 4.5516



12.2818, 22.8358, 38.0683



25.9256, 22.8358, 73.0443

Rectangle

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



35.0199, 22.8358, 15.1324



26.1724, 22.8358, 4.6254



12.2818, 22.8358, 38.0683



17.7769, 22.8358, 72.5781

Sweetspot

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



35.0205, 22.8371, 15.1328



76.2427, 71.7811, 73.6653



40.9875, 24.7132, 69.6274



15.7616, 14.5317, 14.7106



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.



35.0205, 22.8371, 15.1328



45.4617, 26.5947, 12.9209



39.9658, 33.8121, 13.4385



13.1159, 13.0755, 13.8715



17.4458, 8.9793, 1.4614



1.1508, 0.5899, 0.2029

Inverse Universe

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



35.0205, 22.8371, 15.1328



45.4617, 26.5947, 12.9209



30.7945, 35.2953, 72.2072



13.1159, 13.0755, 13.8715



17.4458, 8.9793, 1.4614



1.1508, 0.5899, 0.2029

Previews

White Background



This preview shows how the XYZ color 35.0199, 22.8358, 15.1324 looks on a white background.

Color Contrast Check

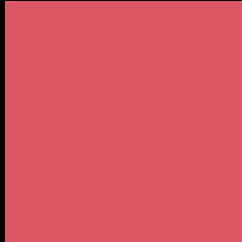
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.0199, 22.8358, 15.1324 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 35.0199, 22.8358, 15.1324

Background



This preview shows how black text looks on a background with the XYZ color 35.0199, 22.8358, 15.1324.



This preview shows how white text looks on a background with the XYZ color 35.0199, 22.8358,

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

35.0199, 22.8358, 15.1324

Protanopia

21.8448, 22.8969, 22.0071

Deuteranopia

23.2825, 22.8342, 14.2466



Tritanopia

34.7235, 22.8477, 13.1696

Trichromacy



Original Color

35.0199, 22.8358, 15.1324

Protanomaly

24.9511, 21.6063, 19.0750

Deuteranomaly

26.5892, 22.0539, 14.4107

Tritanomaly

34.8608, 22.9026, 13.8925

Monochromacy



Original Color

35.0199, 22.8358, 15.1324

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

23.9328, 20.7192, 20.1906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0199, 22.8358, 15.1324 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(219, 87, 102)` looks like.

```
.text, #text, p{  
    color:rgb(219, 87, 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(219, 87, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 87, 102) }
```

Border

The CSS property to change the border of an element to XYZ 35.0199, 22.8358, 15.1324 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(219, 87, 102) }
```


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

```
.border{ border-color:rgb(219, 87, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 87, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 87, 102); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 87, 102); box-shadow:4px 4px 4px 4px rgb(219, 87, 102) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0199, 22.8358, 15.1324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 87, 102) }
```

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

```
.background{ background-color: rgb(219, 87,  
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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