

Converting Colors

XYZ(35.2113, 24.7646, 20.5071)

Have a look what the booklet for
XYZ(35.2113, 24.7646, 20.5071)
contains.

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Color

**XYZ(35.2325, 24.8317,
20.3888)**

Conversions

Conversions Part 1

Format	Color
Hex	D46677
RGB	212, 102, 119
RGB Percent	83%, 40%, 47%
CMY	0.1686, 0.6000, 0.5333
CMYK	0.00, 0.52, 0.44, 0.17
HSL	351°, 56%, 62%
HSV	351°, 52%, 83%
XYZ	35.2325, 24.8317, 20.3888
YIQ	136.8280, 60.1030, 28.6070

Conversions

Conversions Part 2

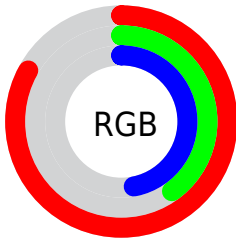
Format	Color
R_{YB}	212, 102, 119
Decimal	13919863
CIE _{Lab}	56.91, 44.90, 11.29
CIE _{LCh}	57, 46.299, 14.110
Yxy	24.8317, 0.4379, 0.3086
Android (android.graphics.Color)	4292109943 (0xFFD46677)
YUV	136.8280, -8.7892, 65.9258
Hunter-Lab	49.8314, 39.0006, 10.6232

Details

The XYZ color **35.2325, 24.8317, 20.3888** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **38.8746, 53.8524, 59.9788**, and the grayscale version is **23.7299, 24.9657, 27.1877**.

A 20% lighter version of the original color is **60.4792, 47.9772, 44.6010**, and **15.3725, 9.4239, 6.9700** is the 20% darker color. If you saturate the color by 10%, you get **32.4321, 20.7943, 14.6358**, and if you desaturate by 10%, it is **38.7699, 30.0183, 27.3895**.

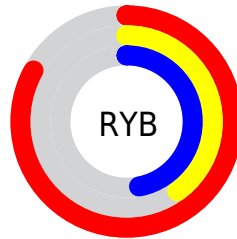
Distribution



Red (83%)

Green (40%)

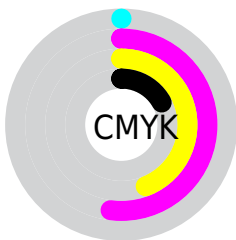
Blue (47%)



Red (83%)

Yellow (40%)

Blue (47%)

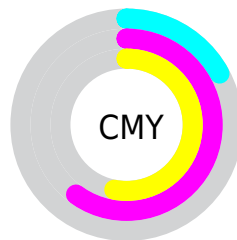


Cyan (0%)

Magenta (52%)

Yellow (44%)

Black (17%)



Cyan (17%)


Magenta (60%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2325, 24.8317, 20.3888 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 35.2325, 24.8317, 20.3888 by changing the saturation by 10% instead.


 35.2325, 24.8317,
20.3888


 35.2325, 24.8317,
20.3888


317.0835,
276.9988, 266.6857


 24.0094, 15.9517,
12.4911

 67.1774, 51.3841,
44.9356


 15.4654, 9.4900,
6.9525


 88.6300, 69.8252,
62.4218

 9.2351, 5.0621,
3.3544


 114.2230, 92.2222,
83.9412

 4.9532, 2.2838,
1.2783

 144.3219,
118.9595, 109.9124

 2.2543, 0.7651,
0.0439

179.2921,
150.4214, 140.7539

 0.7711, 0.0000,
0.0000

219.4988,

 0.0000, 0.0000,

186.9923, 176.8842

0.0000

265.3075,
229.0566, 218.7220

■ 35.2325, 24.8317,
20.3888

■ 35.2325, 24.8317,
20.3888

■ 32.4321, 20.7943,
14.6358

■ 38.7699, 30.0183,
27.3895

■ 30.3138, 17.8146,
10.0552

■ 43.0900, 36.4284,
35.7046

■ 28.8182, 15.7937,
6.5652

■ 48.2371, 44.1350,
45.3973

■ 27.8742, 14.6120,
4.0727

■ 54.2515, 53.2040,
56.5267

■ 27.4224, 14.1054,
2.6982

■ 61.1708, 63.6968,
69.1482

■ 69.0306, 75.6711,
83.3141

■ 77.8644, 89.1815,
99.0745

■ 80.9613, 92.7370,
108.2407

Harmonies

Analogous

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



35.1231, 24.8317, 36.0690



35.2325, 24.8317, 20.3888



31.9115, 24.8317, 11.1189

Triad

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



35.2325, 24.8317, 20.3888



17.0603, 24.8317, 10.7601



20.8595, 24.8317, 67.1501

Complementary

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



35.2325, 24.8317, 20.3888



38.8746, 53.8524, 59.9788

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.



16.8765, 24.8317, 53.6173



35.2325, 24.8317, 20.3888



14.9236, 24.8317, 19.6555

Square

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



35.2325, 24.8317, 20.3888



21.1490, 24.8317, 7.1814



14.8619, 24.8317, 34.9941



26.2373, 24.8317, 67.5914

Rectangle

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



35.2325, 24.8317, 20.3888



28.4557, 24.8317, 8.0831



14.8619, 24.8317, 34.9941



19.3338, 24.8317, 63.8021

Sweetspot

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



35.2331, 24.8330, 20.3893



78.3223, 74.6485, 78.3410



38.7986, 25.6829, 65.1996



16.3595, 15.3677, 16.0189



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.



35.2331, 24.8330, 20.3893



48.9767, 31.1794, 21.6312



38.7350, 33.3266, 16.9632



12.5007, 12.4518, 13.3109



16.9528, 8.7175, 1.7898



1.0477, 0.5359, 0.2405

Inverse Universe

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



35.2331, 24.8330, 20.3893



48.9767, 31.1794, 21.6312



32.7592, 38.3693, 67.9666



12.5007, 12.4518, 13.3109



16.9528, 8.7175, 1.7898



1.0477, 0.5359, 0.2405

Previews

White Background



This preview shows how the XYZ color 35.2325, 24.8317, 20.3888 looks on a white background.

Color Contrast Check

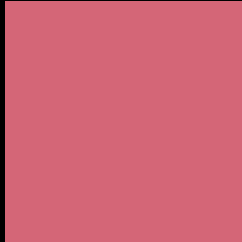
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.2325, 24.8317, 20.3888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

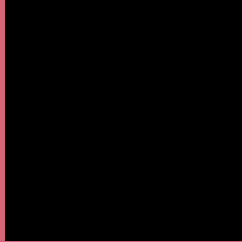
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.2325, 24.8317, 20.3888

Background



This preview shows how black text looks on a background with the XYZ color 35.2325, 24.8317, 20.3888.



This preview shows how white text looks on a background with the XYZ color 35.2325, 24.8317,

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

35.2325, 24.8317, 20.3888

Protanopia

23.9670, 24.9034, 27.2106

Deuteranopia

25.3891, 24.9865, 19.4043



Tritanopia

34.5835, 24.6971, 17.9832

Trichromacy



Original Color

35.2325, 24.8317, 20.3888

Protanomaly

26.9628, 24.1340, 24.3563

Deuteranomaly

28.3499, 24.4007, 19.7386

Tritanomaly

34.7515, 24.7643, 18.8680

Monochromacy



Original Color

35.2325, 24.8317, 20.3888

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

26.5468, 23.9195, 24.3369

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2325, 24.8317, 20.3888 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(212, 102, 119)` looks like.

```
.text, #text, p{  
    color:rgb(212, 102, 119)  
}
```

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(212, 102, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 102, 119) }
```

Border

The CSS property to change the border of an element to XYZ 35.2325, 24.8317, 20.3888 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(212, 102, 119) }
```


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

```
.border{ border-color:rgb(212, 102, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 102, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 102, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 102, 119);  
box-shadow:4px 4px 4px 4px rgb(212, 102,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2325, 24.8317, 20.3888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 102, 119) }
```

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

```
.background{ background-color: rgb(212,  
102, 119) }
```

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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