

Converting Colors

XYZ(35.6085, 24.8877, 28.4380)

Have a look what the booklet for
XYZ(35.6085, 24.8877, 28.4380)
contains.

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Color

**XYZ(35.6463, 24.8656,
28.5120)**

Conversions

Conversions Part 1

Format	Color
Hex	D0668E
RGB	208, 102, 142
RGB Percent	82%, 40%, 56%
CMY	0.1843, 0.6000, 0.4431
CMYK	0.00, 0.51, 0.32, 0.18
HSL	337°, 53%, 61%
HSV	337°, 51%, 82%
XYZ	35.6463, 24.8656, 28.5120
YIQ	138.2540, 50.3360, 34.9120

Conversions

Conversions Part 2

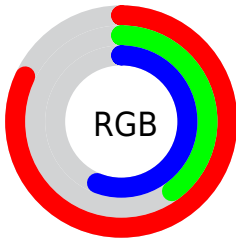
Format	Color
R _Y B	208, 102, 142
Decimal	13657742
CIE Lab	56.94, 46.16, -2.19
CIE LCh	57, 46.212, 357.287
Yxy	24.8656, 0.4004, 0.2793
Android (android.graphics.Color)	4291847822 (0xFFD0668E)
YUV	138.2540, 1.8468, 61.1672
Hunter-Lab	49.8654, 40.3363, 1.0050

Details

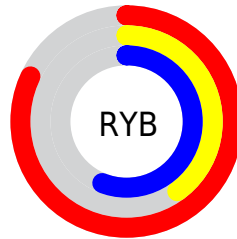
The XYZ color **35.6463, 24.8656, 28.5120** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **35.1045, 50.7644, 44.9967**, and the grayscale version is **24.2349, 25.4970, 27.7662**.

A 20% lighter version of the original color is **63.0923, 49.0225, 58.3615**, and **15.7926, 9.5486, 11.1359** is the 20% darker color. If you saturate the color by 10%, you get **32.9360, 20.9117, 23.0865**, and if you desaturate by 10%, it is **38.9838, 29.8927, 34.7046**.

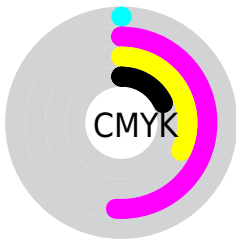
Distribution



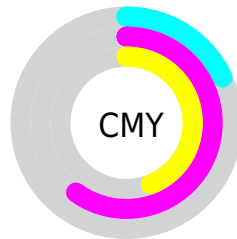
- Red (82%)
- Green (40%)
- Blue (56%)



- Red (82%)
- Yellow (40%)
- Blue (56%)



- Cyan (0%)
- Magenta (51%)
- Yellow (32%)
- Black (18%)





- Cyan (18%)
- Magenta (60%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.6463, 24.8656, 28.5120 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 35.6463, 24.8656, 28.5120 by changing the saturation by 10% instead.

 35.6463, 24.8656,
28.5120


 35.6463, 24.8656,
28.5120


318.8702,
277.1680, 308.8940

 24.3300, 15.9770,
18.4696


 67.8132, 51.4391,
58.3337


 15.7046, 9.5078,
11.1147


 89.3946, 69.8927,
78.9501

 9.4049, 5.0739,
6.0289


 115.1283, 92.3035,
103.9283

 5.0654, 2.2907,
2.7936

 145.3798,
119.0558, 133.6867

 2.3209, 0.7688,
0.9902

180.5143,
150.5340, 168.6439

 0.8053, 0.0000,
0.0000

220.8974,

 0.0000, 0.0000,

187.1225, 209.2185

0.0000

266.8942,
229.2057, 255.8290

■ 35.6463, 24.8656,
28.5120

■ 35.6463, 24.8656,
28.5120

■ 32.9360, 20.9117,
23.0865

■ 38.9838, 29.8927,
34.7046

■ 30.8078, 17.9476,
18.3933

■ 42.9851, 36.0609,
41.6937

■ 29.2136, 15.8833,
14.3965

■ 47.6864, 43.4367,
49.5091

■ 28.0959, 14.6106,
11.0557

■ 53.1205, 52.0805,
58.1781

■ 27.4051, 13.9670,
8.5507

■ 59.3182, 62.0486,
67.7270

■ 66.3085, 73.3940,
78.1806

■ 74.1186, 86.1666,
89.5629

■ 78.3477, 91.5600,
100.4213

■ 79.8225, 92.1499,
108.1874

Harmonies

Analogous

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



33.5310, 24.8656, 46.6187



35.6463, 24.8656, 28.5120



34.1578, 24.8656, 15.5676

Triad

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



35.6463, 24.8656, 28.5120



19.1713, 24.8656, 8.2692



18.4376, 24.8656, 60.7488

Complementary

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



35.6463, 24.8656, 28.5120



35.1045, 50.7644, 44.9967

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.



15.5297, 24.8656, 43.1907



35.6463, 24.8656, 28.5120



15.9056, 24.8656, 13.9361

Square

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



35.6463, 24.8656, 28.5120



24.1308, 24.8656, 6.8660



14.6781, 24.8656, 25.6860



23.1441, 24.8656, 69.1662

Rectangle

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



35.6463, 24.8656, 28.5120



31.4311, 24.8656, 10.5332



14.6781, 24.8656, 25.6860



17.2465, 24.8656, 55.4562

Sweetspot

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



35.6470, 24.8668, 28.5125



80.4381, 76.5368, 86.2703



32.1516, 22.3137, 62.2871



16.8254, 15.7592, 17.8398



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.



35.6470, 24.8668, 28.5125



51.9285, 32.7428, 35.9957



34.4704, 26.4881, 15.8678



11.9906, 11.8810, 13.2265



17.1238, 8.7223, 5.5580



0.9956, 0.5029, 0.5114

Inverse Universe

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



35.6470, 24.8668, 28.5125



51.9285, 32.7428, 35.9957



36.5229, 46.6943, 66.7626



11.9906, 11.8810, 13.2265



17.1238, 8.7223, 5.5580



0.9956, 0.5029, 0.5114

Previews

White Background



This preview shows how the XYZ color 35.6463, 24.8656, 28.5120 looks on a white background.

Color Contrast Check

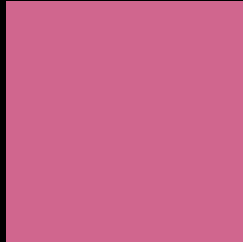
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.6463, 24.8656, 28.5120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

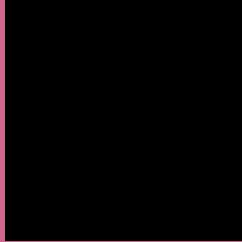
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.6463, 24.8656, 28.5120

Background



This preview shows how black text looks on a background with the XYZ color 35.6463, 24.8656, 28.5120.



This preview shows how white text looks on a background with the XYZ color 35.6463, 24.8656,

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

35.6463, 24.8656, 28.5120

Protanopia

24.9307, 25.1582, 38.1924

Deuteranopia

25.4806, 25.0652, 27.1620



Tritanopia

33.8058, 24.8750, 19.2393

Trichromacy



Original Color

35.6463, 24.8656, 28.5120

Protanomaly

27.6213, 24.2554, 34.2363

Deuteranomaly

28.4143, 24.4411, 27.6461

Tritanomaly

34.4854, 24.8492, 22.3808

Monochromacy



Original Color

35.6463, 24.8656, 28.5120

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

27.0981, 24.3178, 27.6917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6463, 24.8656, 28.5120 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(208, 102, 142)` looks like.

```
.text, #text, p{  
    color:rgb(208, 102, 142)  
}
```

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(208, 102, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 102, 142) }
```

Border

The CSS property to change the border of an element to XYZ 35.6463, 24.8656, 28.5120 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(208, 102, 142) }
```


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

```
.border{ border-color:rgb(208, 102, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 102, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 102, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 102, 142);  
box-shadow:4px 4px 4px 4px rgb(208, 102,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6463, 24.8656, 28.5120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 102, 142) }
```

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

```
.background{ background-color: rgb(208,  
102, 142) }
```

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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