

Converting Colors

XYZ(42.0794, 26.3308, 38.2838)

Have a look what the booklet for
XYZ(42.0794, 26.3308, 38.2838)
contains.

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Color

**XYZ(42.1262, 26.3598,
38.4650)**

Conversions

Conversions Part 1

Format	Color
Hex	E35AA5
RGB	227, 90, 165
RGB Percent	89%, 35%, 65%
CMY	0.1098, 0.6470, 0.3529
CMYK	0.00, 0.60, 0.27, 0.11
HSL	327°, 71%, 62%
HSV	327°, 60%, 89%
XYZ	42.1262, 26.3598, 38.4650
YIQ	139.5130, 57.5770, 52.3690

Conversions

Conversions Part 2

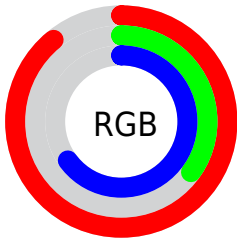
Format	Color
R _Y B	227, 90, 165
Decimal	14899877
CIE Lab	58.38, 60.63, -13.15
CIE LCh	58, 62.038, 347.765
Yxy	26.3598, 0.3939, 0.2465
Android (android.graphics.Color)	4293089957 (0xFFE35AA5)
YUV	139.5130, 12.5651, 76.7261
Hunter-Lab	51.3418, 56.6120, -8.4805

Details

The XYZ color **42.1262, 26.3598, 38.4650** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **37.3544, 59.3795, 39.2014**, and the grayscale version is **24.6770, 25.9621, 28.2727**.

A 20% lighter version of the original color is **64.4372, 46.9851, 73.3830**, and **19.5210, 10.3010, 16.5822** is the 20% darker color. If you saturate the color by 10%, you get **39.5976, 22.7393, 33.1924**, and if you desaturate by 10%, it is **45.3160, 31.1819, 44.3290**.

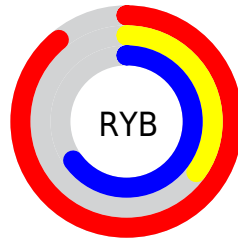
Distribution



Red (89%)

Green (35%)

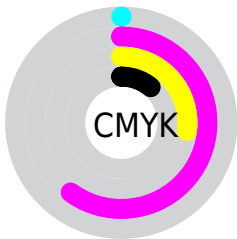
Blue (65%)



Red (89%)

Yellow (35%)

Blue (65%)

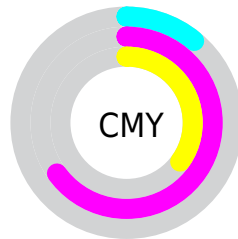


Cyan (0%)

Magenta (60%)

Yellow (27%)

Black (11%)



Cyan (11%)


Magenta (65%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.1262, 26.3598, 38.4650 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 42.1262, 26.3598, 38.4650 by changing the saturation by 10% instead.


 42.1262, 26.3598,
38.4650


 42.1262, 26.3598,
38.4650


345.9885,
284.5439, 354.9683


 29.3917, 17.0930,
26.0392


 77.6546, 53.8548,
74.0316


 19.5231, 10.3008,
16.6269


 101.1791, 72.8518,
98.0095

 12.1551, 5.5989,
9.8097


 129.0310, 95.8611,
126.6751

 6.9223, 2.6027,
5.1690

 161.5756,
123.2669, 160.4470

 3.4595, 0.9280,
2.2863

199.1783,
155.4536, 199.7437

 1.4011, 0.0000,
0.7235

242.2045,

 0.2570, 0.0000,

192.8058, 244.9838

0.0000

291.0194,
235.7078, 296.5858

■ 0.0000, 0.0000,
0.0000

■ 42.1262, 26.3598,
38.4650

■ 42.1262, 26.3598,
38.4650

■ 39.5976, 22.7393,
33.1924

■ 45.3160, 31.1819,
44.3290

■ 37.6709, 20.2054,
28.4823

■ 49.2144, 37.2988,
50.8081

■ 36.2794, 18.6275,
24.3035

■ 53.8673, 44.7987,
57.9257

■ 35.3335, 17.7929,
20.7290

■ 59.3154, 53.7613,
65.7034

■ 65.5969, 64.2598,
74.1615

■ 72.7471, 76.3629,
83.3192

■ 80.7993, 90.1346,
93.1947

■ 84.2562, 94.5780,
101.9628

■ 85.4886, 95.0709,
108.4525

Harmonies

Analogous

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



37.4396, 26.3598, 66.7927



42.1262, 26.3598, 38.4650



41.6147, 26.3598, 17.7756

Triad

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



42.1262, 26.3598, 38.4650



20.8733, 26.3598, 4.5017



16.4941, 26.3598, 71.9082

Complementary

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



42.1262, 26.3598, 38.4650



37.3544, 59.3795, 39.2014

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.



13.5987, 26.3598, 43.3791



42.1262, 26.3598, 38.4650



15.7546, 26.3598, 8.8199

Square

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



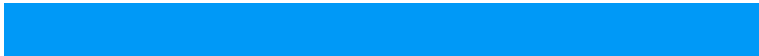
42.1262, 26.3598, 38.4650



28.2647, 26.3598, 4.2059



13.3585, 26.3598, 20.7478



22.0965, 26.3598, 91.6902

Rectangle

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



42.1262, 26.3598, 38.4650



38.4009, 26.3598, 10.0025



13.3585, 26.3598, 20.7478



15.2254, 26.3598, 62.5165

Sweetspot

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



42.1270, 26.3611, 38.4655



78.9489, 72.8636, 87.9159



30.4062, 19.5017, 74.8348



16.4150, 14.7930, 18.1511



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.



42.1270, 26.3611, 38.4655



50.9562, 28.7925, 41.8548



37.4864, 24.5049, 14.0285



14.7054, 14.4994, 16.6492



20.6662, 10.4007, 12.4032



1.5739, 0.7873, 1.1625

Inverse Universe

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



42.1270, 26.3611, 38.4655



50.9562, 28.7925, 41.8548



44.6245, 62.2876, 77.4855



14.7054, 14.4994, 16.6492



20.6662, 10.4007, 12.4032



1.5739, 0.7873, 1.1625

Previews

White Background



This preview shows how the XYZ color 42.1262, 26.3598, 38.4650 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 42.1262, 26.3598, 38.4650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

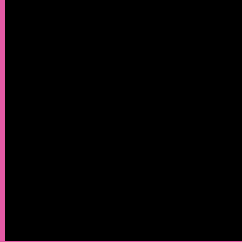
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 42.1262, 26.3598, 38.4650

Background



This preview shows how black text looks on a background with the XYZ color 42.1262, 26.3598, 38.4650.



This preview shows how white text looks on a background with the XYZ color 42.1262, 26.3598,

38.4650.

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

42.1262, 26.3598, 38.4650

Protanopia

27.5675, 26.7263, 57.7386

Deuteranopia

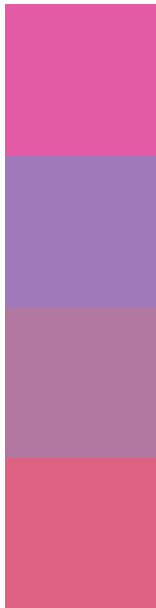
27.1498, 26.5630, 36.0440



Tritanopia

37.7889, 26.3559, 17.8473

Trichromacy



Original Color

42.1262, 26.3598, 38.4650

Protanomaly

30.3042, 24.7362, 50.1911

Deuteranomaly

31.0540, 25.2363, 36.9526

Tritanomaly

39.1374, 26.1944, 24.1123

Monochromacy



Original Color

42.1262, 26.3598, 38.4650

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

29.3976, 24.8596, 31.6827

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1262, 26.3598, 38.4650 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(227, 90, 165)` looks like.

```
.text, #text, p{  
    color:rgb(227, 90, 165)  
}
```

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(227, 90, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 90, 165) }
```

Border

The CSS property to change the border of an element to XYZ 42.1262, 26.3598, 38.4650 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(227, 90, 165) }
```


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

```
.border{ border-color:rgb(227, 90, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 90, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 90, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 90, 165); box-shadow:4px 4px 4px 4px rgb(227, 90, 165) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1262, 26.3598, 38.4650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 90, 165) }
```

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

```
.background{ background-color: rgb(227, 90,  
165) }
```

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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