

Converting Colors

XYZ(38.2825, 24.2091, 32.2814)

Have a look what the booklet for
XYZ(38.2825, 24.2091, 32.2814)
contains.

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Color

**XYZ(38.3706, 24.3065,
32.3750)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DB5898 |
| RGB | 219, 88, 152 |
| RGB Percent | 86%, 35%, 60% |
| CMY | 0.1412, 0.6549, 0.4039 |
| CMYK | 0.00, 0.60, 0.31, 0.14 |
| HSL | 331°, 65%, 60% |
| HSV | 331°, 60%, 86% |
| XYZ | 38.3706, 24.3065, 32.3750 |
| YIQ | 134.4650, 57.5320, 47.6760 |

Conversions

Conversions Part 2

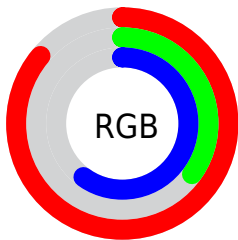
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 219, 88, 152 |
| Decimal | 14375064 |
| CIE _{Lab} | 56.39, 57.50, -8.67 |
| CIE _{LCh} | 56, 58.146, 351.422 |
| Yxy | 24.3065, 0.4037, 0.2557 |
| Android (android.graphics.Color) | 4292565144 (0xFFDB5898) |
| YUV | 134.4650, 8.6448, 74.1372 |
| Hunter-Lab | 49.3016, 52.6456, -4.4230 |

Details

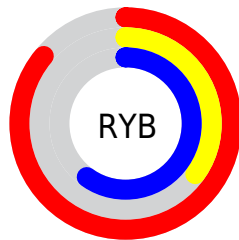
The XYZ color **38.3706, 24.3065, 32.3750** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **35.2737, 55.1049, 39.7906**, and the grayscale version is **22.7864, 23.9731, 26.1067**.

A 20% lighter version of the original color is **62.3538, 45.6627, 63.9199**, and **17.2381, 9.1970, 13.1786** is the 20% darker color. If you saturate the color by 10%, you get **35.9607, 20.8862, 27.2571**, and if you desaturate by 10%, it is **41.4083, 28.8435, 38.1301**.

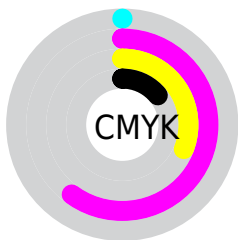
Distribution



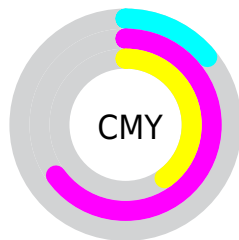
- Red (86%)
- Green (35%)
- Blue (60%)



- Red (86%)
- Yellow (35%)
- Blue (60%)



- Cyan (0%)
- Magenta (60%)
- Yellow (31%)
- Black (14%)





- Cyan (14%)
- Magenta (65%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.3706, 24.3065, 32.3750 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 38.3706, 24.3065, 32.3750 by changing the saturation by 10% instead.


 38.3706, 24.3065,
32.3750


 38.3706, 24.3065,
32.3750


330.4605,
274.3664, 327.3692

 26.4490, 15.5611,
21.3809


 71.9761, 50.5299,
64.5032


 17.2943, 9.2141,
13.2088


 94.3906, 68.7767,
86.4744

 10.5411, 4.8811,
7.4400


 121.0335, 90.9595,
112.9418

 5.8242, 2.1777,
3.6562

 152.2701,
117.4626, 144.3238

 2.7781, 0.7078,
1.4387

188.4657,
148.6705, 181.0390

 1.0375, 0.0000,
0.1716

229.9858,

 0.0000, 0.0000,

184.9675, 223.5059

0.0000

277.1956,
226.7380, 272.1431

■ 38.3706, 24.3065,
32.3750

■ 38.3706, 24.3065,
32.3750

■ 35.9607, 20.8862,
27.2571

■ 41.4083, 28.8435,
38.1301

■ 34.1242, 18.4779,
22.7459

■ 45.1180, 34.5822,
44.5478

■ 32.7999, 16.9632,
18.8088

■ 49.5417, 41.6032,
51.6533

■ 31.8820, 16.1346,
15.3977

■ 54.7177, 49.9793,
59.4698

■ 31.8666, 16.1213,
15.3385

■ 60.6811, 59.7778,
68.0191

■ 67.4650, 71.0614,
77.3222

■ 75.1004, 83.8890,
87.3989

■ 80.9421, 92.9675,
97.3769

■ 82.6732, 93.6600,
106.4927

Harmonies

Analogous

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



34.7411, 24.3065, 56.8795



38.3706, 24.3065, 32.3750



37.3315, 24.3065, 15.1249

Triad

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



38.3706, 24.3065, 32.3750



18.6994, 24.3065, 4.8071



15.9486, 24.3065, 67.1895

Complementary

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



38.3706, 24.3065, 32.3750



35.2737, 55.1049, 39.7906

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.



13.0448, 24.3065, 42.4033



38.3706, 24.3065, 32.3750



14.4056, 24.3065, 9.4524

Square

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



38.3706, 24.3065, 32.3750



25.0831, 24.3065, 4.1525



12.5407, 24.3065, 21.3230



21.2292, 24.3065, 82.4734

Rectangle

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



38.3706, 24.3065, 32.3750



34.2032, 24.3065, 8.7622



12.5407, 24.3065, 21.3230



14.7084, 24.3065, 59.2532

Sweetspot

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



38.3713, 24.3077, 32.3754



78.5628, 72.7092, 85.8829



29.5087, 18.9166, 69.1139



16.3209, 14.7554, 17.6559



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.



38.3713, 24.3077, 32.3754



49.9600, 28.3940, 36.6087



34.4655, 22.7454, 11.8079



13.3198, 13.1570, 14.9453



18.9504, 9.5812, 9.3846



1.2711, 0.6381, 0.8368

Inverse Universe

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



38.3713, 24.3077, 32.3754



49.9600, 28.3940, 36.6087



42.1429, 57.8526, 75.9634



13.3198, 13.1570, 14.9453



18.9504, 9.5812, 9.3846



1.2711, 0.6381, 0.8368

Previews

White Background



This preview shows how the XYZ color 38.3706, 24.3065, 32.3750 looks on a white background.

Color Contrast Check

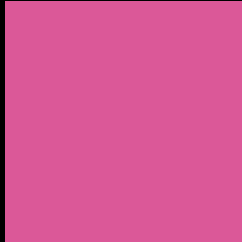
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.3706, 24.3065, 32.3750 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 38.3706, 24.3065, 32.3750

Background



This preview shows how black text looks on a background with the XYZ color 38.3706, 24.3065, 32.3750.



This preview shows how white text looks on a background with the XYZ color 38.3706, 24.3065,

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

38.3706, 24.3065, 32.3750

Protanopia

25.0984, 24.6067, 48.2265

Deuteranopia

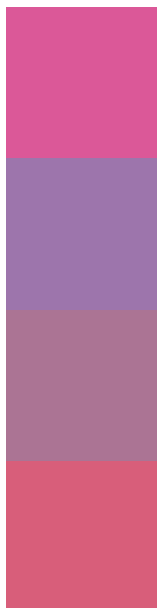
24.8637, 24.4762, 30.2020



Tritanopia

34.9418, 24.2024, 16.1945

Trichromacy



Original Color

38.3706, 24.3065, 32.3750

Protanomaly

27.7123, 22.8692, 41.9833

Deuteranomaly

28.3853, 23.2868, 31.0157

Tritanomaly

35.8345, 24.0095, 21.1580

Monochromacy



Original Color

38.3706, 24.3065, 32.3750

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

26.6861, 22.6450, 28.1637

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3706, 24.3065, 32.3750 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, 88, 152)` looks like.

```
.text, #text, p{  
    color:rgb(219, 88, 152)  
}
```

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, 88, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 88, 152) }
```

Border

The CSS property to change the border of an element to XYZ 38.3706, 24.3065, 32.3750 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, 88, 152) }
```


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

```
.border{ border-color:rgb(219, 88, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 88, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 88, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 88, 152);  
box-shadow:4px 4px 4px 4px rgb(219, 88,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3706, 24.3065, 32.3750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 88, 152) }
```

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

```
.background{ background-color: rgb(219, 88,  
152) }
```

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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