

Converting Colors

XYZ(37.9640, 28.4343, 31.7875)

Have a look what the booklet for
XYZ(37.9640, 28.4343, 31.7875)
contains.

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Color

**XYZ(38.0806, 28.4478,
31.9177)**

Conversions

Conversions Part 1

Format	Color
Hex	D17595
RGB	209, 117, 149
RGB Percent	82%, 46%, 58%
CMY	0.1804, 0.5412, 0.4157
CMYK	0.00, 0.44, 0.29, 0.18
HSL	339°, 50%, 64%
HSV	339°, 44%, 82%
XYZ	38.0806, 28.4478, 31.9177
YIQ	148.1560, 44.5600, 29.4560

Conversions

Conversions Part 2

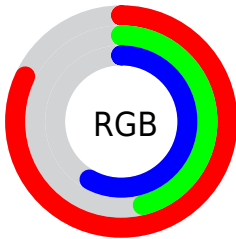
Format	Color
R _Y B	209, 117, 149
Decimal	13727125
CIE Lab	60.29, 39.76, -1.32
CIE LCh	60, 39.783, 358.097
Yxy	28.4478, 0.3868, 0.2890
Android (android.graphics.Color)	4291917205 (0xFFD17595)
YUV	148.1560, 0.4161, 53.3602
Hunter-Lab	53.3365, 34.1047, 1.8551

Details

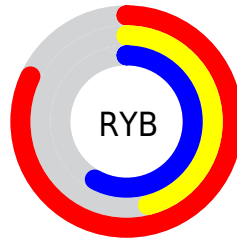
The XYZ color **38.0806, 28.4478, 31.9177** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **38.0737, 52.5579, 49.7356**, and the grayscale version is **28.1995, 29.6680, 32.3085**.

A 20% lighter version of the original color is **66.5824, 54.6976, 63.5483**, and **17.1017, 11.4537, 12.8647** is the 20% darker color. If you saturate the color by 10%, you get **34.8863, 23.7001, 25.7942**, and if you desaturate by 10%, it is **41.9474, 34.3364, 38.8944**.

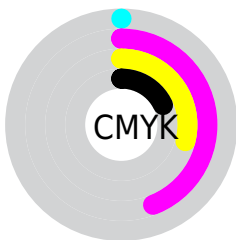
Distribution



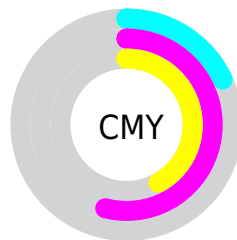
- Red (82%)
- Green (46%)
- Blue (58%)



- Red (82%)
- Yellow (46%)
- Blue (58%)



- Cyan (0%)
- Magenta (44%)
- Yellow (29%)
- Black (18%)





- Cyan (18%)
- Magenta (54%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.0806, 28.4478, 31.9177 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 38.0806, 28.4478, 31.9177 by changing the saturation by 10% instead.


 38.0806, 28.4478,
31.9177


 38.0806, 28.4478,
31.9177


329.2405,
294.6005, 325.2253


 26.2227, 18.6635,
21.0343

 71.5348, 57.1986,
63.7785

 17.1239, 11.4274,
12.9576


 93.8618, 76.9339,
85.5929

 10.4187, 6.3551,
7.2690


 120.4092,
100.7549, 111.8882

 5.7418, 3.0622,
3.5499

151.5425,
129.0461, 143.0828

 2.7279, 1.1643,
1.3818

187.6269,
162.1919, 179.5953

 1.0116, 0.0322,
0.1275

229.0278,

 0.0000, 0.0000,

200.5766, 221.8442

0.0000

276.1105,
244.5847, 270.2480

■ 38.0806, 28.4478,
31.9177

■ 38.0806, 28.4478,
31.9177

■ 34.8863, 23.7001,
25.7942

■ 41.9474, 34.3364,
38.8944

■ 32.3213, 20.0141,
20.4871

■ 46.5219, 41.4299,
46.7557

■ 30.3405, 17.3072,
15.9589


■ 51.8392, 49.7922,
55.5332


■ 28.8916, 15.4824,
12.1677


■ 57.9316, 59.4819,
65.2565


■ 27.9117, 14.4225,
9.0669

■ 64.8295, 70.5536,
75.9537

 27.4869, 14.0323,
7.5092

 72.5614, 83.0590,
87.6517

 78.4474, 91.6325,
99.4738

 80.1046, 92.2953,
108.2006

Harmonies

Analogous

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



36.2548, 28.4478, 48.3287



38.0806, 28.4478, 31.9177



36.6526, 28.4478, 19.5343

Triad

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



38.0806, 28.4478, 31.9177



22.6753, 28.4478, 12.2084



22.1770, 28.4478, 61.4850

Complementary

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



38.0806, 28.4478, 31.9177



38.0737, 52.5579, 49.7356

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.



19.2728, 28.4478, 46.1862



38.0806, 28.4478, 31.9177



19.5341, 28.4478, 18.3693

Square

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



38.0806, 28.4478, 31.9177



27.3660, 28.4478, 10.5207



18.3688, 28.4478, 30.0507



26.7141, 28.4478, 68.4111

Rectangle

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



38.0806, 28.4478, 31.9177



34.1368, 28.4478, 14.4124



18.3688, 28.4478, 30.0507



20.9999, 28.4478, 56.9548

Sweetspot

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



38.0814, 28.4492, 31.9183



82.0837, 79.3278, 88.3608



35.9570, 26.6512, 63.5708



17.1436, 16.3061, 18.2217



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.



38.0814, 28.4492, 31.9183



54.9000, 37.4415, 40.8221



37.5959, 31.0201, 20.8373



11.9761, 11.8752, 13.1498



16.9898, 8.6687, 4.8523



0.9871, 0.4995, 0.4667

Inverse Universe

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



38.0814, 28.4492, 31.9183



54.9000, 37.4415, 40.8221



38.4057, 47.5061, 67.4672



11.9761, 11.8752, 13.1498



16.9898, 8.6687, 4.8523



0.9871, 0.4995, 0.4667

Previews

White Background



This preview shows how the XYZ color 38.0806, 28.4478, 31.9177 looks on a white background.

Color Contrast Check

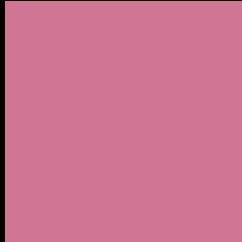
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.0806, 28.4478, 31.9177 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 38.0806, 28.4478, 31.9177

Background



This preview shows how black text looks on a background with the XYZ color 38.0806, 28.4478, 31.9177.



This preview shows how white text looks on a background with the XYZ color 38.0806, 28.4478,

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

38.0806, 28.4478, 31.9177

Protanopia

28.1637, 28.7548, 40.1422

Deuteranopia

29.1329, 28.5677, 30.7667



Tritanopia

36.5319, 28.5251, 24.3493

Trichromacy



Original Color

38.0806, 28.4478, 31.9177

Protanomaly

30.7350, 27.9730, 37.0371

Deuteranomaly

31.7997, 28.0428, 30.9309

Tritanomaly

37.1728, 28.6204, 26.8576

Monochromacy



Original Color

38.0806, 28.4478, 31.9177

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

30.8685, 28.5755, 31.9056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0806, 28.4478, 31.9177 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(209, 117, 149)` looks like.

```
.text, #text, p{  
    color:rgb(209, 117, 149)  
}
```

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(209, 117, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 117, 149) }
```

Border

The CSS property to change the border of an element to XYZ 38.0806, 28.4478, 31.9177 is called "border". The border property can be set on classes, ids or directly on the HTML element.

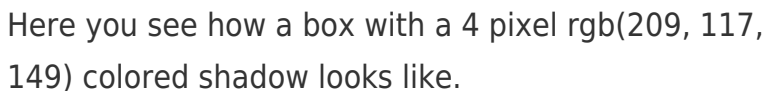
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 117, 149) }
```


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

```
.border{ border-color:rgb(209, 117, 149) }
```

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



Here you see how a box with a 4 pixel `rgb(209, 117, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 117, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 117, 149); box-shadow:4px 4px 4px 4px rgb(209, 117, 149) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0806, 28.4478, 31.9177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 117, 149) }
```

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

```
.background{ background-color: rgb(209,  
117, 149) }
```

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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