

Converting Colors

XYZ(38.8553, 31.5283, 24.4534)

Have a look what the booklet for
XYZ(38.8553, 31.5283, 24.4534)
contains.

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Color

**XYZ(38.7429, 31.3727,
24.4356)**

Conversions

Conversions Part 1

Format	Color
Hex	D38280
RGB	211, 130, 128
RGB Percent	83%, 51%, 50%
CMY	0.1725, 0.4902, 0.4980
CMYK	0.00, 0.38, 0.39, 0.17
HSL	1°, 49%, 66%
HSV	1°, 39%, 83%
XYZ	38.7429, 31.3727, 24.4356
YIQ	153.9910, 48.9180, 16.5500

Conversions

Conversions Part 2

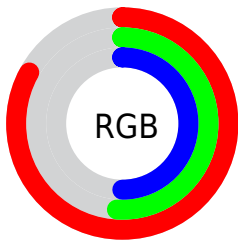
Format	Color
R _Y B	211, 130, 128
Decimal	13861504
CIE Lab	62.82, 30.98, 14.36
CIE LCh	63, 34.147, 24.866
Yxy	31.3727, 0.4098, 0.3318
Android (android.graphics.Color)	4292051584 (0xFFD38280)
YUV	153.9910, -12.8136, 49.9969
Hunter-Lab	56.0113, 25.4482, 13.3420

Details

The XYZ color **38.7429, 31.3727, 24.4356** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **43.4593, 54.8909, 69.9324**, and the grayscale version is **30.7514, 32.3529, 35.2323**.

A 20% lighter version of the original color is **66.7210, 58.8772, 51.5639**, and **17.5337, 13.0265, 8.9874** is the 20% darker color. If you saturate the color by 10%, you get **35.0257, 25.9345, 17.0424**, and if you desaturate by 10%, it is **43.2986, 38.0255, 33.5336**.

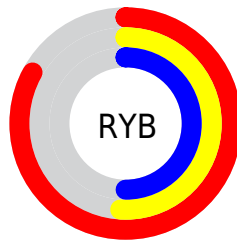
Distribution



Red (83%)

Green (51%)

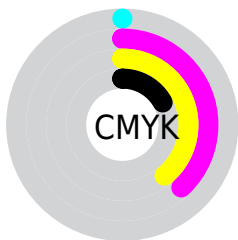
Blue (50%)



Red (83%)

Yellow (51%)

Blue (50%)

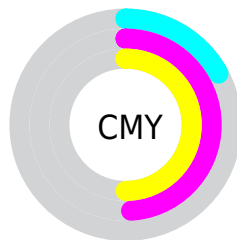


Cyan (0%)

Magenta (38%)

Yellow (39%)

Black (17%)



Cyan (17%)


Magenta (49%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.7429, 31.3727, 24.4356 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 38.7429, 31.3727, 24.4356 by changing the saturation by 10% instead.


 38.7429, 31.3727,
24.4356


 38.7429, 31.3727,
24.4356

332.0222,
308.2517, 288.3726


 26.7396, 20.8828,
15.4419


 72.5420, 61.8264,
51.6928

 17.5133, 13.0384,
8.9800


 95.0685, 82.5590,
70.7934

 10.6987, 7.4550,
4.6315


 121.8334,
107.4746, 94.1000

 5.9304, 3.7482,
1.9778

153.2021,
136.9576, 122.0312

 2.8431, 1.5337,
0.5416

189.5400,
171.3924, 155.0055

 1.0713, 0.3123,
0.0000

231.2124,

 0.0009, 0.0000,

211.1634, 193.4415

0.0000

278.5847,
256.6551, 237.7577

■ 0.0000, 0.0000,
0.0000

■ 38.7429, 31.3727,
24.4356

■ 38.7429, 31.3727,
24.4356

■ 35.0257, 25.9345,
17.0424

■ 43.2986, 38.0255,
33.5336

■ 32.0935, 21.6333,
11.2462

■ 48.7368, 45.9551,
44.4314

■ 29.8908, 18.3898,
6.9299


■ 55.1017, 55.2250,
57.2193


■ 28.3536, 16.1127,
3.9594


■ 62.4336, 65.8933,
71.9809


■ 27.4068, 14.6951,
2.1766

■ 70.7704, 78.0144,
88.7948

 26.9418, 13.9923,
1.3210

 80.1482, 91.6400,
107.7353

 26.9193, 13.9595,
1.2757

 80.6740, 92.5889,
108.2272

Harmonies

Analogous

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



39.7002, 31.3727, 36.5161



38.7429, 31.3727, 24.4356



35.2982, 31.3727, 17.1320

Triad

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



38.7429, 31.3727, 24.4356



23.0537, 31.3727, 21.3803



29.0214, 31.3727, 66.7599

Complementary

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



38.7429, 31.3727, 24.4356



43.4593, 54.8909, 69.9324

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.



24.9380, 31.3727, 59.8416



38.7429, 31.3727, 24.4356



21.7303, 31.3727, 31.9066

Square

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



38.7429, 31.3727, 24.4356



26.1956, 31.3727, 15.7182



22.3825, 31.3727, 46.1715



33.7616, 31.3727, 63.2531

Rectangle

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



38.7429, 31.3727, 24.4356



32.2283, 31.3727, 14.8445



22.3825, 31.3727, 46.1715



27.5325, 31.3727, 65.5329

Sweetspot

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



38.7437, 31.3742, 24.4362



81.7117, 80.5893, 82.0544



46.1684, 33.9215, 64.8368



17.2072, 16.8381, 16.9953



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.



38.7437, 31.3742, 24.4362



54.7187, 41.2034, 28.0461



45.3013, 44.4893, 26.6221



11.8313, 11.8533, 12.2764



16.2565, 8.4461, 0.7734



0.9172, 0.4887, 0.0460

Inverse Universe

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



43.4593, 54.8909, 69.9324



62.9091, 82.0700, 107.1332



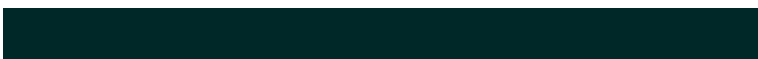
34.6844, 37.3409, 67.0075



12.1329, 13.3560, 15.1822



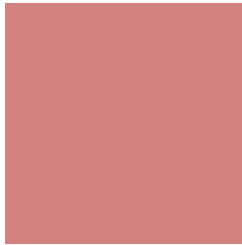
20.4133, 29.4732, 41.8055



1.1493, 1.6638, 2.3401

Previews

White Background



This preview shows how the XYZ color 38.7429, 31.3727, 24.4356 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 38.7429, 31.3727, 24.4356 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 ✓ Pass

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

XYZ 38.7429, 31.3727, 24.4356

Background



This preview shows how black text looks on a background with the XYZ color 38.7429, 31.3727, 24.4356.



This preview shows how white text looks on a background with the XYZ color 38.7429, 31.3727,

24.4356.

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

38.7429, 31.3727, 24.4356

Protanopia

29.9890, 31.5897, 28.9429

Deuteranopia

32.1120, 31.3855, 23.7676



Tritanopia

39.4580, 31.2704, 28.0009

Trichromacy



Original Color

38.7429, 31.3727, 24.4356

Protanomaly

32.4779, 31.0429, 27.2018

Deuteranomaly

34.1302, 31.0813, 23.9391

Tritanomaly

39.3047, 31.4188, 26.5471

Monochromacy



Original Color

38.7429, 31.3727, 24.4356

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

32.9154, 31.4091, 31.1158

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7429, 31.3727, 24.4356 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(211, 130, 128)` looks like.

```
.text, #text, p{  
    color:rgb(211, 130, 128)  
}
```

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(211, 130, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 130, 128) }
```

Border

The CSS property to change the border of an element to XYZ 38.7429, 31.3727, 24.4356 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(211, 130, 128) }
```


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

```
.border{ border-color:rgb(211, 130, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 130, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 130, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 130, 128);  
box-shadow:4px 4px 4px 4px rgb(211, 130,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7429, 31.3727, 24.4356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 130, 128) }
```

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

```
.background{ background-color: rgb(211,  
130, 128) }
```

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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