

Converting Colors

XYZ(37.9311, 30.9815, 23.7706)

Have a look what the booklet for
XYZ(37.9311, 30.9815, 23.7706)
contains.

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Color

**XYZ(38.0430, 31.0269,
23.7224)**

Conversions

Conversions Part 1

Format	Color
Hex	D1827E
RGB	209, 130, 126
RGB Percent	82%, 51%, 49%
CMY	0.1804, 0.4902, 0.5059
CMYK	0.00, 0.38, 0.40, 0.18
HSL	3°, 47%, 66%
HSV	3°, 40%, 82%
XYZ	38.0430, 31.0269, 23.7224
YIQ	153.1650, 48.3680, 15.5040

Conversions

Conversions Part 2

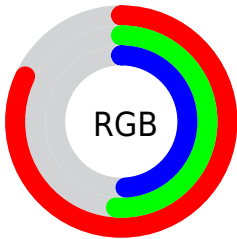
Format	Color
R _{YB}	209, 130, 126
Decimal	13730430
CIE Lab	62.53, 29.99, 15.05
CIE LCh	63, 33.554, 26.653
Yxy	31.0269, 0.4100, 0.3344
Android (android.graphics.Color)	4291920510 (0xFFD1827E)
YUV	153.1650, -13.3923, 48.9673
Hunter-Lab	55.7018, 24.4331, 13.7407

Details

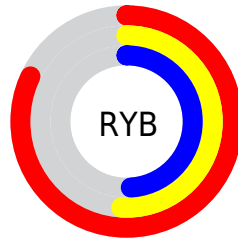
The XYZ color **38.0430, 31.0269, 23.7224** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **41.9432, 52.6996, 68.2829**, and the grayscale version is **30.3926, 31.9754, 34.8212**.

A 20% lighter version of the original color is **66.5172, 58.7957, 50.4907**, and **17.0844, 12.8032, 8.5920** is the 20% darker color. If you saturate the color by 10%, you get **34.4377, 25.7538, 16.5478**, and if you desaturate by 10%, it is **42.4431, 37.4387, 32.5525**.

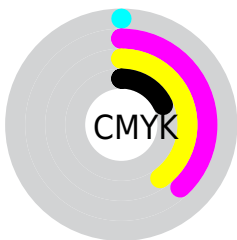
Distribution



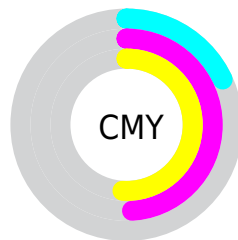
- Red (82%)
- Green (51%)
- Blue (49%)



- Red (82%)
- Yellow (51%)
- Blue (49%)



- Cyan (0%)
- Magenta (38%)
- Yellow (40%)
- Black (18%)





- Cyan (18%)
- Magenta (49%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.0430, 31.0269, 23.7224 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 38.0430, 31.0269, 23.7224 by changing the saturation by 10% instead.


 38.0430, 31.0269,
23.7224


 38.0430, 31.0269,
23.7224


329.0821,
306.6622, 284.6552


 26.1934, 20.6193,
14.9175


 71.4775, 61.2824,
50.5150

 17.1018, 12.8460,
8.6155


 93.7932, 81.8992,
69.3397

 10.4029, 7.3226,
4.3979


 120.3282,
106.6878, 92.3415

 5.7312, 3.6647,
1.8461

151.4481,
136.0326, 119.9389

 2.7214, 1.4878,
0.4581

187.5180,
170.3181, 152.5505

 1.0082, 0.2801,
0.0000

228.9034,

 0.0000, 0.0000,

209.9286, 190.5947

0.0000

275.9696,
255.2485, 234.4901

■ 38.0430, 31.0269,
23.7224

■ 38.0430, 31.0269,
23.7224

■ 34.4377, 25.7538,
16.5478

■ 42.4431, 37.4387,
32.5525

■ 31.5775, 21.5484,
10.9238

■ 47.6790, 45.0454,
43.1304

■ 29.4110, 18.3394,
6.7366

■ 53.7917, 53.9051,
55.5438

■ 27.8791, 16.0443,
3.8558

■ 60.8187, 64.0707,
69.8739

■ 26.9128, 14.5678,
2.1275

■ 68.7957, 75.5922,
86.1972

■ 26.4135, 13.7881,
1.2865

■ 77.7560, 88.5169,
104.5859

■ 26.4039, 13.7742,
1.2670

■ 80.1045, 92.2953,
108.2006

Harmonies

Analogous

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



39.1400, 31.0269, 35.2708



38.0430, 31.0269, 23.7224



34.5785, 31.0269, 16.8458

Triad

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



38.0430, 31.0269, 23.7224



22.7541, 31.0269, 21.7719



28.9811, 31.0269, 65.5709

Complementary

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



38.0430, 31.0269, 23.7224



41.9432, 52.6996, 68.2829

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.



24.9272, 31.0269, 59.4070



38.0430, 31.0269, 23.7224



21.5731, 31.0269, 32.3377

Square

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



38.0430, 31.0269, 23.7224



25.7285, 31.0269, 15.9404



22.3261, 31.0269, 46.3486



33.6017, 31.0269, 61.5692

Rectangle

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



38.0430, 31.0269, 23.7224



31.5613, 31.0269, 14.7642



22.3261, 31.0269, 46.3486



27.5116, 31.0269, 64.5869

Sweetspot

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



38.0438, 31.0284, 23.7230



81.9116, 80.9890, 82.1210



44.9244, 32.9449, 62.5324



17.2538, 16.9312, 17.0108



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.



38.0438, 31.0284, 23.7230



54.6072, 41.2648, 27.1325



44.4853, 43.9114, 25.8702



11.8538, 11.8984, 12.2839



16.3005, 8.5341, 0.7881



0.9279, 0.5100, 0.0495

Inverse Universe

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



41.9432, 52.6996, 68.2829



61.5647, 79.9839, 106.8014



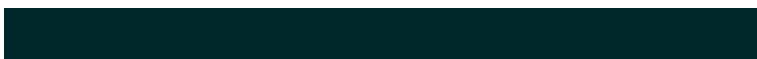
33.5201, 35.8535, 65.4752



12.1075, 13.3052, 15.1737



19.6979, 28.0424, 41.5670



1.1168, 1.5987, 2.3293

Previews

White Background



This preview shows how the XYZ color 38.0430, 31.0269, 23.7224 looks on a white background.

Color Contrast Check

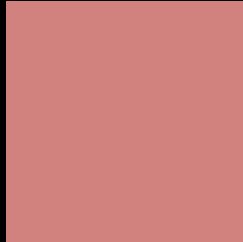
Large Text (above 18pt) WCAG AA × Fail

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 38.0430, 31.0269, 23.7224 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 38.0430, 31.0269, 23.7224

Background



This preview shows how black text looks on a background with the XYZ color 38.0430, 31.0269, 23.7224.



This preview shows how white text looks on a background with the XYZ color 38.0430, 31.0269,

23.7224.

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

38.0430, 31.0269, 23.7224

Protanopia

29.6825, 31.2085, 28.1263

Deuteranopia

31.7585, 31.2179, 23.0907



Tritanopia

38.8850, 30.9750, 27.9741

Trichromacy



Original Color

38.0430, 31.0269, 23.7224

Protanomaly

32.1876, 30.6855, 26.4167

Deuteranomaly

33.7552, 30.9028, 23.2545

Tritanomaly

38.7317, 31.1234, 26.5203

Monochromacy



Original Color

38.0430, 31.0269, 23.7224

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

32.3169, 31.1182, 30.2897

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0430, 31.0269, 23.7224 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, 130, 126)` looks like.

```
.text, #text, p{  
    color:rgb(209, 130, 126)  
}
```

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, 130, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 130, 126) }
```

Border

The CSS property to change the border of an element to XYZ 38.0430, 31.0269, 23.7224 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, 130, 126) }
```


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

```
.border{ border-color:rgb(209, 130, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 130, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 130, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 130, 126);  
box-shadow:4px 4px 4px 4px rgb(209, 130,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0430, 31.0269, 23.7224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 130, 126) }
```

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

```
.background{ background-color: rgb(209,  
130, 126) }
```

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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