

Converting Colors

XYZ(39.0722, 31.0901, 27.1624)

Have a look what the booklet for
XYZ(39.0722, 31.0901, 27.1624)
contains.

XYZ(39.0271, 31.0648, 27.2317)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(39.0271, 31.0648,
27.2317)**

Conversions

Conversions Part 1

Format	Color
Hex	D38088
RGB	211, 128, 136
RGB Percent	83%, 50%, 53%
CMY	0.1725, 0.4980, 0.4667
CMYK	0.00, 0.39, 0.36, 0.17
HSL	354°, 49%, 66%
HSV	354°, 39%, 83%
XYZ	39.0271, 31.0648, 27.2317
YIQ	153.7290, 46.9000, 20.0840

Conversions

Conversions Part 2

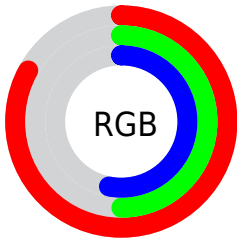
Format	Color
R _Y B	211, 128, 136
Decimal	13861000
CIE Lab	62.56, 33.00, 9.44
CIE LCh	63, 34.326, 15.968
Yxy	31.0648, 0.4010, 0.3192
Android (android.graphics.Color)	4292051080 (0xFFD38088)
YUV	153.7290, -8.7404, 50.2267
Hunter-Lab	55.7358, 27.4509, 10.0468

Details

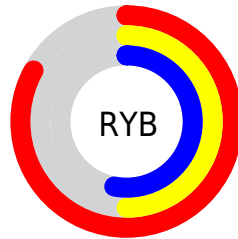
The XYZ color **39.0271, 31.0648, 27.2317** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **42.9773, 55.4903, 64.9485**, and the grayscale version is **30.6199, 32.2145, 35.0816**.

A 20% lighter version of the original color is **67.1533, 58.3900, 55.8752**, and **17.6600, 12.8497, 10.3535** is the 20% darker color. If you saturate the color by 10%, you get **35.3189, 25.6274, 19.8942**, and if you desaturate by 10%, it is **43.5503, 37.7461, 36.0308**.

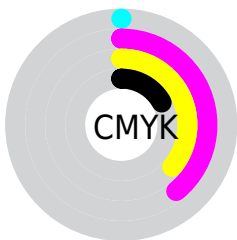
Distribution



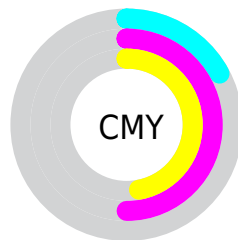
- Red (83%)
- Green (50%)
- Blue (53%)



- Red (83%)
- Yellow (50%)
- Blue (53%)



- Cyan (0%)
- Magenta (39%)
- Yellow (36%)
- Black (17%)





- Cyan (17%)
- Magenta (50%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.0271, 31.0648, 27.2317 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 39.0271, 31.0648, 27.2317 by changing the saturation by 10% instead.


 39.0271, 31.0648,
27.2317


 39.0271, 31.0648,
27.2317


333.2109,
306.8367, 302.5728


 26.9616, 20.6482,
17.5133


 72.9735, 61.3421,
56.2637

 17.6808, 12.8671,
10.4353


 95.5852, 81.9715,
76.4144

 10.8194, 7.3371,
5.5792


 122.4430,
106.7741, 100.8797

 6.0119, 3.6738,
2.5263

153.9122,
136.1341, 130.0780

 2.8931, 1.4928,
0.8541

190.3582,
170.4360, 164.4279

 1.0975, 0.2837,
0.0000

232.1465,

 0.0230, 0.0000,

210.0641, 204.3480

0.0000

279.6422,
255.4029, 250.2568

■ 0.0000, 0.0000,
0.0000

■ 39.0271, 31.0648,
27.2317

■ 39.0271, 31.0648,
27.2317

■ 35.3189, 25.6274,
19.8942

■ 43.5503, 37.7461,
36.0308

■ 32.3746, 21.3528,
13.9374

■ 48.9305, 45.7368,
46.3629

■ 30.1414, 18.1574,
9.2749

■ 55.2099, 55.1033,
58.2970

■ 28.5586, 15.9444,
5.8102

■ 62.4269, 65.9061,
71.8972

■ 27.5551, 14.6000,
3.4330

■ 70.6179, 78.2021,
87.2241

■ 27.0202, 13.9358,
2.0046

■ 79.8173, 92.0452,
104.3355

■ 26.9932, 13.9006,
1.9376

■ 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.



39.1218, 31.0648, 40.4499



39.0271, 31.0648, 27.2317



36.2169, 31.0648, 18.5003

Triad

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



39.0271, 31.0648, 27.2317



23.5298, 31.0648, 18.9145



27.4023, 31.0648, 65.4077

Complementary

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



39.0271, 31.0648, 27.2317



42.9773, 55.4903, 64.9485

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.



23.7148, 31.0648, 55.8850



39.0271, 31.0648, 27.2317



21.6438, 31.0648, 27.9648

Square

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



39.0271, 31.0648, 27.2317



27.1243, 31.0648, 14.6360



21.7077, 31.0648, 41.4033



32.0658, 31.0648, 65.0591

Rectangle

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



39.0271, 31.0648, 27.2317



33.3357, 31.0648, 15.3549



21.7077, 31.0648, 41.4033



26.0185, 31.0648, 63.1651

Sweetspot

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



39.0279, 31.0663, 27.2323



81.9165, 80.3519, 84.1170



44.0250, 32.7975, 65.6383



17.2549, 16.7829, 17.4758



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.



39.0279, 31.0663, 27.2323



55.1675, 40.7269, 32.4322



43.5411, 40.9685, 26.0369



11.8543, 11.8265, 12.5088



16.3075, 8.3958, 1.2597



0.9280, 0.4759, 0.1558

Inverse Universe

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



39.0279, 31.0663, 27.2323



55.1675, 40.7269, 32.4322



36.5419, 41.0550, 67.6266



11.8543, 11.8265, 12.5088



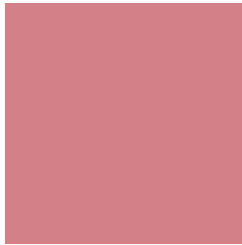
16.3075, 8.3958, 1.2597



0.9280, 0.4759, 0.1558

Previews

White Background



This preview shows how the XYZ color 39.0271, 31.0648, 27.2317 looks on a white background.

Color Contrast Check

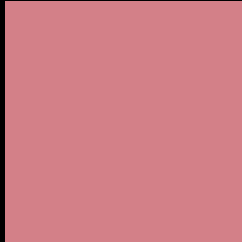
Large Text (above 18pt) WCAG AA × Fail

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 39.0271, 31.0648, 27.2317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

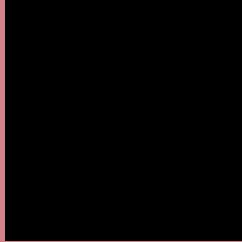
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.0271, 31.0648, 27.2317

Background



This preview shows how black text looks on a background with the XYZ color 39.0271, 31.0648, 27.2317.



This preview shows how white text looks on a background with the XYZ color 39.0271, 31.0648,

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

39.0271, 31.0648, 27.2317

Protanopia

29.9295, 31.2399, 32.4694

Deuteranopia

31.7461, 31.1355, 26.5268



Tritanopia

39.0985, 31.0934, 27.6078

Trichromacy



Original Color

39.0271, 31.0648, 27.2317

Protanomaly

32.5357, 30.7725, 30.6104

Deuteranomaly

34.0292, 30.7513, 26.6963

Tritanomaly

39.0985, 31.0934, 27.6078

Monochromacy



Original Color

39.0271, 31.0648, 27.2317

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

33.0711, 31.4713, 31.9353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0271, 31.0648, 27.2317 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, 128, 136)` looks like.

```
.text, #text, p{  
    color:rgb(211, 128, 136)  
}
```

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, 128, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 128, 136) }
```

Border

The CSS property to change the border of an element to XYZ 39.0271, 31.0648, 27.2317 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, 128, 136) }
```


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

```
.border{ border-color:rgb(211, 128, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 128, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 128, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 128, 136);  
box-shadow:4px 4px 4px 4px rgb(211, 128,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0271, 31.0648, 27.2317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 128, 136) }
```

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

```
.background{ background-color: rgb(211,  
128, 136) }
```

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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