

Converting Colors

XYZ(39.0738, 30.3258, 22.9188)

Have a look what the booklet for
XYZ(39.0738, 30.3258, 22.9188)
contains.

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Color

**XYZ(39.0400, 30.2201,
22.8442)**

Conversions

Conversions Part 1

Format	Color
Hex	D87B7C
RGB	216, 123, 124
RGB Percent	85%, 48%, 49%
CMY	0.1529, 0.5176, 0.5137
CMYK	0.00, 0.43, 0.43, 0.15
HSL	359°, 54%, 66%
HSV	359°, 43%, 85%
XYZ	39.0400, 30.2201, 22.8442
YIQ	150.9210, 55.1070, 20.0270

Conversions

Conversions Part 2

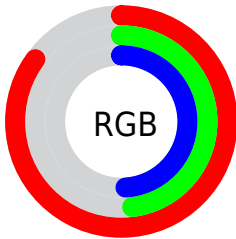
Format	Color
R _Y B	216, 123, 124
Decimal	14187388
CIE Lab	61.84, 36.14, 15.37
CIE LCh	62, 39.273, 23.042
Yxy	30.2201, 0.4239, 0.3281
Android (android.graphics.Color)	4292377468 (0xFFD87B7C)
YUV	150.9210, -13.2721, 57.0743
Hunter-Lab	54.9728, 30.5628, 13.8427

Details

The XYZ color **39.0400, 30.2201, 22.8442** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **44.9915, 58.2297, 73.1616**, and the grayscale version is **29.4209, 30.9531, 33.7079**.

A 20% lighter version of the original color is **64.7986, 55.8389, 48.4370**, and **17.6879, 12.4118, 8.1201** is the 20% darker color. If you saturate the color by 10%, you get **35.4419, 24.9573, 15.6846**, and if you desaturate by 10%, it is **43.5236, 36.7853, 31.7442**.

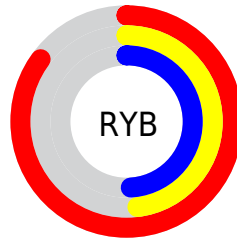
Distribution



Red (85%)

Green (48%)

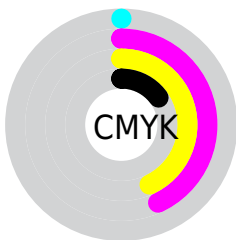
Blue (49%)



Red (85%)

Yellow (48%)

Blue (49%)

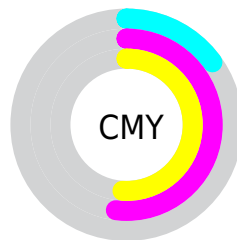


Cyan (0%)

Magenta (43%)

Yellow (43%)

Black (15%)



Cyan (15%)


Magenta (52%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0400, 30.2201, 22.8442 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 39.0400, 30.2201, 22.8442 by changing the saturation by 10% instead.


 39.0400, 30.2201,
22.8442


 39.0400, 30.2201,
22.8442


333.2648,
302.9290, 280.0197


 26.9717, 20.0057,
14.2743


 72.9931, 60.0101,
49.0573

 17.6885, 12.3992,
8.1708


 95.6086, 80.3545,
67.5376

 10.8249, 7.0162,
4.1151


 122.4706,
104.8443, 90.1585

 6.0156, 3.4722,
1.6887

153.9444,
133.8640, 117.3384

 2.8953, 1.3829,
0.3530

190.3953,
167.7979, 149.4959

 1.0987, 0.2041,
0.0000

232.1888,

 0.0240, 0.0000,

207.0304, 187.0496

0.0000

279.6902,
251.9460, 230.4180

■ 0.0000, 0.0000,
0.0000

■ 39.0400, 30.2201,
22.8442

■ 39.0400, 30.2201,
22.8442

■ 35.4419, 24.9573,
15.6846

■ 43.5236, 36.7853,
31.7442

■ 32.6685, 20.9059,
10.1498

■ 48.9436, 44.7267,
42.4863

■ 30.6552, 17.9710,
6.1133


■ 55.3495, 54.1181,
55.1665


■ 29.3267, 16.0410,
3.4290


■ 62.7869, 65.0265,
69.8736

■ 28.5922, 14.9817,
1.9215

■ 71.2985, 77.5150,
86.6911

 28.3316, 14.6040,
1.3920

 80.9247, 91.6429,
105.6975

 82.1289, 93.3389,
108.2953

Harmonies

Analogous

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



39.9431, 30.2201, 36.5292



39.0400, 30.2201, 22.8442



35.2239, 30.2201, 14.7995

Triad

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



39.0400, 30.2201, 22.8442



21.3942, 30.2201, 18.4141



27.5187, 30.2201, 70.7113

Complementary

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



39.0400, 30.2201, 22.8442



44.9915, 58.2297, 73.1616

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.



23.0761, 30.2201, 61.8035



39.0400, 30.2201, 22.8442



19.8299, 30.2201, 29.5279

Square

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



39.0400, 30.2201, 22.8442



24.9537, 30.2201, 12.8389



20.4059, 30.2201, 45.5546



32.8546, 30.2201, 67.2848

Rectangle

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



39.0400, 30.2201, 22.8442



31.7666, 30.2201, 12.2871



20.4059, 30.2201, 45.5546



25.8808, 30.2201, 68.9883

Sweetspot

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



39.0408, 30.2216, 22.8448



80.5337, 78.7078, 80.1987



47.3415, 33.4893, 68.9347



16.7658, 16.1550, 16.2324



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.



39.0408, 30.2216, 22.8448



51.8754, 36.7282, 23.3638



45.8884, 44.0171, 24.8185



12.4286, 12.4229, 12.9313



16.7719, 8.6451, 0.8372



1.0135, 0.5222, 0.0607

Inverse Universe

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



39.0408, 30.2216, 22.8448



51.8754, 36.7282, 23.3638



35.1368, 38.3151, 70.5094



12.4286, 12.4229, 12.9313



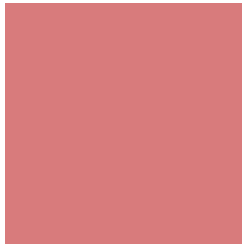
16.7719, 8.6451, 0.8372



1.0135, 0.5222, 0.0607

Previews

White Background



This preview shows how the XYZ color 39.0400, 30.2201, 22.8442 looks on a white background.

Color Contrast Check

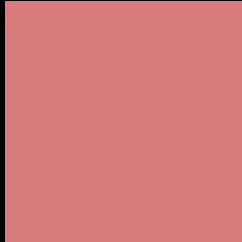
Large Text (above 18pt) WCAG AA × Fail

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 39.0400, 30.2201, 22.8442 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 39.0400, 30.2201, 22.8442

Background



This preview shows how black text looks on a background with the XYZ color 39.0400, 30.2201, 22.8442.



This preview shows how white text looks on a background with the XYZ color 39.0400, 30.2201,

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

39.0400, 30.2201, 22.8442

Protanopia

28.9731, 30.3690, 28.0017

Deuteranopia

30.8190, 30.3013, 21.9937



Tritanopia

39.6715, 30.3095, 25.2321

Trichromacy



Original Color

39.0400, 30.2201, 22.8442

Protanomaly

31.9030, 29.8871, 25.9171

Deuteranomaly

33.2416, 29.8076, 22.0906

Tritanomaly

39.4711, 30.2293, 24.1766

Monochromacy



Original Color

39.0400, 30.2201, 22.8442

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

32.0118, 30.0868, 29.3194

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0400, 30.2201, 22.8442 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(216, 123, 124)` looks like.

```
.text, #text, p{  
    color:rgb(216, 123, 124)  
}
```

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(216, 123, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 123, 124) }
```

Border

The CSS property to change the border of an element to XYZ 39.0400, 30.2201, 22.8442 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(216, 123, 124) }
```


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

```
.border{ border-color:rgb(216, 123, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 123, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 123, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 123, 124);  
box-shadow:4px 4px 4px 4px rgb(216, 123,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0400, 30.2201, 22.8442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 123, 124) }
```

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

```
.background{ background-color: rgb(216,  
123, 124) }
```

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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