

Converting Colors

XYZ(39.5717, 30.3369, 25.0018)

Have a look what the booklet for
XYZ(39.5717, 30.3369, 25.0018)
contains.

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Color

**XYZ(39.6041, 30.2825,
24.8768)**

Conversions

Conversions Part 1

Format	Color
Hex	D97A82
RGB	217, 122, 130
RGB Percent	85%, 48%, 51%
CMY	0.1490, 0.5215, 0.4902
CMYK	0.00, 0.44, 0.40, 0.15
HSL	355°, 56%, 66%
HSV	355°, 44%, 85%
XYZ	39.6041, 30.2825, 24.8768
YIQ	151.3170, 54.0520, 22.6280

Conversions

Conversions Part 2

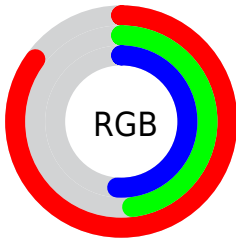
Format	Color
R _Y B	217, 122, 130
Decimal	14252674
CIE Lab	61.90, 37.69, 12.04
CIE LCh	62, 39.566, 17.714
Yxy	30.2825, 0.4179, 0.3196
Android (android.graphics.Color)	4292442754 (0xFFD97A82)
YUV	151.3170, -10.5093, 57.6040
Hunter-Lab	55.0295, 32.1626, 11.7179

Details

The XYZ color **39.6041, 30.2825, 24.8768** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **44.3491, 58.3675, 69.2537**, and the grayscale version is **29.5794, 31.1199, 33.8895**.

A 20% lighter version of the original color is **65.3126, 55.7296, 52.1143**, and **18.0365, 12.4715, 9.2412** is the 20% darker color. If you saturate the color by 10%, you get **36.0233, 25.0535, 17.7253**, and if you desaturate by 10%, it is **44.0390, 36.8073, 33.5846**.

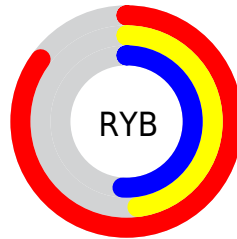
Distribution



Red (85%)

Green (48%)

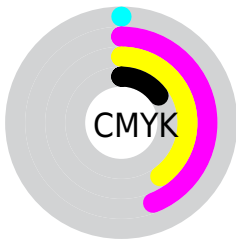
Blue (51%)



Red (85%)

Yellow (48%)

Blue (51%)

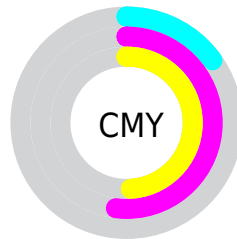


Cyan (0%)

Magenta (44%)

Yellow (40%)

Black (15%)



Cyan (15%)


Magenta (52%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.6041, 30.2825, 24.8768 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 39.6041, 30.2825, 24.8768 by changing the saturation by 10% instead.


 39.6041, 30.2825,
24.8768


 39.6041, 30.2825,
24.8768


335.6152,
303.2190, 290.6518


 27.4128, 20.0531,
15.7671


 73.8485, 60.1086,
52.4189

 18.0217, 12.4337,
9.2069

 96.6323, 80.4742,
71.6884

 11.0654, 7.0397,
4.7778


 123.6776,
104.9873, 95.1816

 6.1784, 3.4870,
2.0610

155.3499,
134.0322, 123.3171

 2.9956, 1.3909,
0.5924

192.0144,
167.9935, 156.5133

 1.1514, 0.2100,
0.0000

234.0366,

 0.0675, 0.0000,

207.2555, 195.1888

0.0000

281.7817,
252.2025, 239.7621

■ 0.0000, 0.0000,
0.0000

■ 39.6041, 30.2825,
24.8768

■ 39.6041, 30.2825,
24.8768

■ 36.0233, 25.0535,
17.7253

■ 44.0390, 36.8073,
33.5846

■ 33.2392, 21.0295,
12.0367

■ 49.3757, 44.7015,
43.9314

■ 31.1913, 18.1157,
7.7101


■ 55.6611, 54.0386,
55.9957


■ 29.8091, 16.2006,
4.6311


■ 62.9383, 64.8856,
69.8509

■ 29.0083, 15.1497,
2.6663

■ 71.2477, 77.3053,
85.5658

 28.7266, 14.7963,
1.9255

 80.6273, 91.3568,
103.2057

 82.4253, 93.4917,
108.3092

Harmonies

Analogous

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



39.9135, 30.2825, 39.5702



39.6041, 30.2825, 24.8768



36.1859, 30.2825, 15.7712

Triad

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



39.6041, 30.2825, 24.8768



21.8922, 30.2825, 16.9952



26.6713, 30.2825, 70.4288

Complementary

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



39.6041, 30.2825, 24.8768



44.3491, 58.3675, 69.2537

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.



22.4649, 30.2825, 59.5708



39.6041, 30.2825, 24.8768



19.9413, 30.2825, 27.1523

Square

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



39.6041, 30.2825, 24.8768



25.7963, 30.2825, 12.2746



20.1372, 30.2825, 42.6578



31.9910, 30.2825, 69.2506

Rectangle

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



39.6041, 30.2825, 24.8768



32.8163, 30.2825, 12.6906



20.1372, 30.2825, 42.6578



25.0938, 30.2825, 67.9550

Sweetspot

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



39.6049, 30.2840, 24.8774



80.8630, 78.8395, 81.9325



45.3569, 32.2680, 69.4834



16.8456, 16.1870, 16.6529



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.



39.6049, 30.2840, 24.8774



52.0504, 36.3017, 25.8161



44.7000, 41.2999, 24.0301



13.1003, 13.0692, 13.7895



17.4055, 8.9632, 1.2496



1.1434, 0.5870, 0.1640

Inverse Universe

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



39.6049, 30.2840, 24.8774



52.0504, 36.3017, 25.8161



36.6719, 41.3890, 71.7017



13.1003, 13.0692, 13.7895



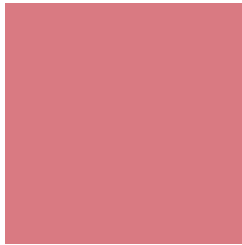
17.4055, 8.9632, 1.2496



1.1434, 0.5870, 0.1640

Previews

White Background



This preview shows how the XYZ color 39.6041, 30.2825, 24.8768 looks on a white background.

Color Contrast Check

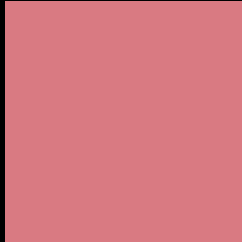
Large Text (above 18pt) WCAG AA × Fail

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 39.6041, 30.2825, 24.8768 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 39.6041, 30.2825, 24.8768

Background



This preview shows how black text looks on a background with the XYZ color 39.6041, 30.2825, 24.8768.



This preview shows how white text looks on a background with the XYZ color 39.6041, 30.2825,

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

39.6041, 30.2825, 24.8768

Protanopia

29.1079, 30.3785, 30.7150

Deuteranopia

30.9727, 30.3371, 23.9619



Tritanopia

39.6715, 30.3095, 25.2321

Trichromacy



Original Color

39.6041, 30.2825, 24.8768

Protanomaly

32.0243, 29.6764, 28.4664

Deuteranomaly

33.6212, 29.9594, 24.0894

Tritanomaly

39.6715, 30.3095, 25.2321

Monochromacy



Original Color

39.6041, 30.2825, 24.8768

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

32.0152, 29.8533, 30.0615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6041, 30.2825, 24.8768 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(217, 122, 130)` looks like.

```
.text, #text, p{  
    color:rgb(217, 122, 130)  
}
```

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(217, 122, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 122, 130) }
```

Border

The CSS property to change the border of an element to XYZ 39.6041, 30.2825, 24.8768 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(217, 122, 130) }
```


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

```
.border{ border-color:rgb(217, 122, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 122, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 122, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 122, 130);  
box-shadow:4px 4px 4px 4px rgb(217, 122,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6041, 30.2825, 24.8768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 122, 130) }
```

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

```
.background{ background-color: rgb(217,  
122, 130) }
```

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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