

Converting Colors

XYZ(41.3897, 30.1583, 24.1485)

Have a look what the booklet for
XYZ(41.3897, 30.1583, 24.1485)
contains.

XYZ(41.5057, 30.2180, 24.0671)	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(41.5057, 30.2180,
24.0671)**

Conversions

Conversions Part 1

Format	Color
Hex	E27480
RGB	226, 116, 128
RGB Percent	89%, 45%, 50%
CMY	0.1137, 0.5451, 0.4980
CMYK	0.00, 0.49, 0.43, 0.11
HSL	353°, 65%, 67%
HSV	353°, 49%, 89%
XYZ	41.5057, 30.2180, 24.0671
YIQ	150.2580, 61.7080, 27.0520

Conversions

Conversions Part 2

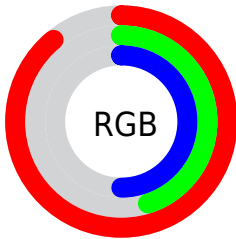
Format	Color
R _Y B	226, 116, 128
Decimal	14840960
CIE Lab	61.84, 43.81, 13.28
CIE LCh	62, 45.783, 16.868
Yxy	30.2180, 0.4333, 0.3155
Android (android.graphics.Color)	4293031040 (0xFFE27480)
YUV	150.2580, -10.9732, 66.4257
Hunter-Lab	54.9709, 38.5771, 12.5216

Details

The XYZ color **41.5057, 30.2180, 24.0671** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **46.5380, 62.9615, 73.3221**, and the grayscale version is **29.1266, 30.6435, 33.3707**.

A 20% lighter version of the original color is **63.9552, 53.3456, 50.6420**, and **19.1810, 12.4468, 8.7887** is the 20% darker color. If you saturate the color by 10%, you get **38.0137, 25.1488, 17.0004**, and if you desaturate by 10%, it is **45.8958, 36.6627, 32.7312**.

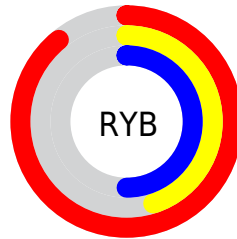
Distribution



Red (89%)

Green (45%)

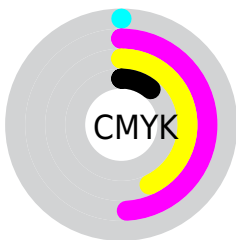
Blue (50%)



Red (89%)

Yellow (45%)

Blue (50%)

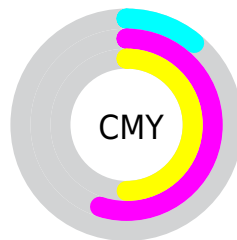


Cyan (0%)

Magenta (49%)

Yellow (43%)

Black (11%)



Cyan (11%)

Magenta (55%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5057, 30.2180, 24.0671 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 41.5057, 30.2180, 24.0671 by changing the saturation by 10% instead.

41.5057, 30.2180,
24.0671

41.5057, 30.2180,
24.0671

343.4564,
302.9193, 286.4570

28.9039, 20.0041,
15.1707

76.7208, 60.0068,
51.0849

19.1520, 12.3980,
8.7914

100.0648, 80.3504,
70.0434

11.8848, 7.0154,
4.5104

127.7203,
104.8395, 93.1930

6.7369, 3.4717,
1.9093

160.0525,
133.8583, 120.9523

3.3430, 1.3827,
0.4986

197.4269,
167.7913, 153.7398

1.3376, 0.2039,
0.0000

240.2087,

0.2111, 0.0000,

207.0229, 191.9741

0.0000

288.7634,
251.9374, 236.0736

■ 0.0000, 0.0000,
0.0000

■ 41.5057, 30.2180,
24.0671

■ 41.5057, 30.2180,
24.0671

■ 38.0137, 25.1488,
17.0004

■ 45.8958, 36.6627,
32.7312

■ 35.3552, 21.3508,
11.4316

■ 51.2382, 44.5680,
43.0807

■ 33.4605, 18.7120,
7.2523


■ 57.5854, 54.0178,
55.1990


■ 32.2471, 17.0992,
4.3389


■ 64.9854, 65.0882,
69.1636

■ 31.5982, 16.3146,
2.5402

■ 73.4831, 77.8502,
85.0473

 31.5357, 16.2374,
2.3717

 83.1209, 92.3706,
102.9190

 85.1740, 94.9087,
108.4378

Harmonies

Analogous

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



41.7598, 30.2180, 41.1605



41.5057, 30.2180, 24.0671



37.5326, 30.2180, 13.9392

Triad

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



41.5057, 30.2180, 24.0671



20.9672, 30.2180, 14.8332



26.1321, 30.2180, 77.7928

Complementary

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



41.5057, 30.2180, 24.0671



46.5380, 62.9615, 73.3221

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.



21.4097, 30.2180, 64.1000



41.5057, 30.2180, 24.0671



18.7257, 30.2180, 25.8298

Square

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



41.5057, 30.2180, 24.0671



25.4431, 30.2180, 10.0539



18.8753, 30.2180, 43.6716



32.2697, 30.2180, 76.7888

Rectangle

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



41.5057, 30.2180, 24.0671



33.5921, 30.2180, 10.6357



18.8753, 30.2180, 43.6716



24.3457, 30.2180, 74.5958

Sweetspot

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



41.5065, 30.2196, 24.0677



79.0291, 75.9732, 78.8504



47.4628, 32.1544, 75.6563



16.4895, 15.6249, 16.0712



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.



41.5065, 30.2196, 24.0677



50.0976, 33.2320, 22.5877



46.7728, 41.9418, 22.1554



13.7677, 13.7247, 14.5468



18.0123, 9.2719, 1.4648



1.2692, 0.6510, 0.2105

Inverse Universe

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



41.5065, 30.2196, 24.0677



50.0976, 33.2320, 22.5877



38.0372, 43.4172, 78.3271



13.7677, 13.7247, 14.5468



18.0123, 9.2719, 1.4648



1.2692, 0.6510, 0.2105

Previews

White Background



This preview shows how the XYZ color 41.5057, 30.2180, 24.0671 looks on a white background.

Color Contrast Check

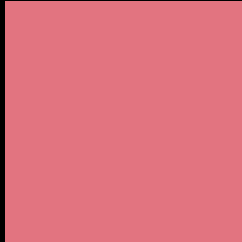
Large Text (above 18pt) WCAG AA × Fail

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 41.5057, 30.2180, 24.0671 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 41.5057, 30.2180, 24.0671

Background



This preview shows how black text looks on a background with the XYZ color 41.5057, 30.2180, 24.0671.



This preview shows how white text looks on a background with the XYZ color 41.5057, 30.2180,

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

41.5057, 30.2180, 24.0671

Protanopia

29.1847, 30.4093, 31.1194

Deuteranopia

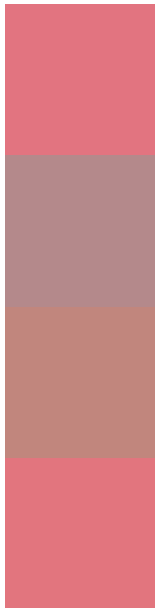
31.0040, 30.3752, 22.9678



Tritanopia

41.4270, 30.3720, 23.0810

Trichromacy



Original Color

41.5057, 30.2180, 24.0671

Protanomaly

32.4283, 29.4587, 28.4030

Deuteranomaly

34.2191, 29.8683, 23.3637

Tritanomaly

41.4912, 30.3977, 23.4192

Monochromacy



Original Color

41.5057, 30.2180, 24.0671

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

32.3311, 29.5949, 29.5995

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5057, 30.2180, 24.0671 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(226, 116, 128)` looks like.

```
.text, #text, p{  
    color:rgb(226, 116, 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(226, 116, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 116, 128) }
```

Border

The CSS property to change the border of an element to XYZ 41.5057, 30.2180, 24.0671 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(226, 116, 128) }
```


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

```
.border{ border-color:rgb(226, 116, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 116, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 116, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 116, 128);  
box-shadow:4px 4px 4px 4px rgb(226, 116,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5057, 30.2180, 24.0671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 116, 128) }
```

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

```
.background{ background-color: rgb(226,  
116, 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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