

Converting Colors

XYZ(39.4868, 31.3088, 25.2489)

Have a look what the booklet for
XYZ(39.4868, 31.3088, 25.2489)
contains.

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Color

**XYZ(39.4800, 31.3462,
25.0887)**

Conversions

Conversions Part 1

Format	Color
Hex	D68082
RGB	214, 128, 130
RGB Percent	84%, 50%, 51%
CMY	0.1608, 0.4980, 0.4902
CMYK	0.00, 0.40, 0.39, 0.16
HSL	359°, 51%, 67%
HSV	359°, 40%, 84%
XYZ	39.4800, 31.3462, 25.0887
YIQ	153.9420, 50.6140, 18.8540

Conversions

Conversions Part 2

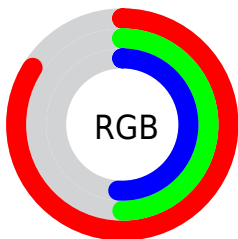
Format	Color
R _Y B	214, 128, 130
Decimal	14057602
CIE Lab	62.80, 33.41, 13.25
CIE LCh	63, 35.944, 21.626
Yxy	31.3462, 0.4116, 0.3268
Android (android.graphics.Color)	4292247682 (0xFFD68082)
YUV	153.9420, -11.8034, 52.6709
Hunter-Lab	55.9877, 27.8918, 12.6229

Details

The XYZ color **39.4800, 31.3462, 25.0887** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **44.8338, 57.4365, 71.0139**, and the grayscale version is **30.7251, 32.3252, 35.2022**.

A 20% lighter version of the original color is **66.5152, 58.1348, 52.5152**, and **18.0437, 13.0699, 9.3563** is the 20% darker color. If you saturate the color by 10%, you get **35.7138, 25.8358, 17.6000**, and if you desaturate by 10%, it is **44.1215, 38.1510, 34.2759**.

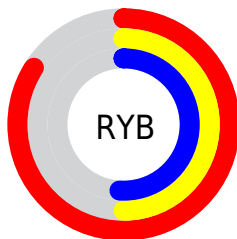
Distribution



Red (84%)

Green (50%)

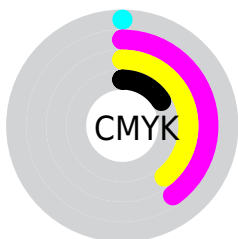
Blue (51%)



Red (84%)

Yellow (50%)

Blue (51%)

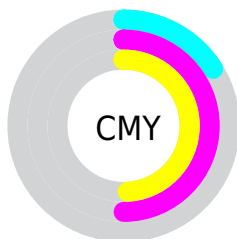


Cyan (0%)

Magenta (40%)

Yellow (39%)

Black (16%)



Cyan (16%)


Magenta (50%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.4800, 31.3462, 25.0887 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 39.4800, 31.3462, 25.0887 by changing the saturation by 10% instead.


 39.4800, 31.3462,
25.0887


 39.4800, 31.3462,
25.0887


335.0991,
308.1301, 291.7412


 27.3157, 20.8626,
15.9235


 73.6604, 61.7847,
52.7670

 17.9483, 13.0236,
9.3163


 96.4073, 82.5084,
72.1172

 11.0123, 7.4448,
4.8484


 123.4124,
107.4143, 95.6995

 6.1425, 3.7418,
2.1014

155.0411,
136.8868, 123.9324

 2.9734, 1.5302,
0.6166

191.6588,
171.3102, 157.2345

 1.1397, 0.3098,
0.0000

233.6308,

 0.0580, 0.0000,

211.0689, 196.0243

0.0000

281.3224,
256.5475, 240.7203

■ 0.0000, 0.0000,
0.0000

■ 39.4800, 31.3462,
25.0887

■ 39.4800, 31.3462,
25.0887

■ 35.7138, 25.8358,
17.6000

■ 44.1215, 38.1510,
34.2759

■ 32.7658, 21.5334,
11.7041

■ 49.6858, 46.3199,
45.2550

■ 30.5759, 18.3498,
7.2863

■ 56.2199, 55.9233,
58.1147

■ 29.0748, 16.1813,
4.2158

■ 63.7670, 67.0254,
72.9372

■ 28.1805, 14.9050,
2.3390

■ 72.3675, 79.6865,
89.7999

■ 27.7587, 14.3070,
1.4411

■ 81.5415, 93.0361,
108.2678

Harmonies

Analogous

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



40.1656, 31.3462, 38.2296



39.4800, 31.3462, 25.0887



36.0597, 31.3462, 16.9936

Triad

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



39.4800, 31.3462, 25.0887



22.9763, 31.3462, 19.9247



28.4373, 31.3462, 68.5582

Complementary

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



39.4800, 31.3462, 25.0887



44.8338, 57.4365, 71.0139

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.



24.2990, 31.3462, 60.0776



39.4800, 31.3462, 25.0887



21.3812, 31.3462, 30.3357

Square

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



39.4800, 31.3462, 25.0887



26.4418, 31.3462, 14.6339



21.8373, 31.3462, 45.1196



33.4174, 31.3462, 66.0143

Rectangle

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



39.4800, 31.3462, 25.0887



32.8757, 31.3462, 14.3369



21.8373, 31.3462, 45.1196



26.9104, 31.3462, 66.8341

Sweetspot

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



39.4808, 31.3478, 25.0893



81.6089, 80.2288, 82.4973



46.7598, 34.1635, 67.7480



17.1833, 16.7542, 17.0984



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.



39.4808, 31.3478, 25.0893



53.9771, 39.6874, 27.8999



45.6561, 43.9105, 26.4934



12.4348, 12.4254, 12.9640



16.7836, 8.6498, 0.8988



1.0165, 0.5234, 0.0763

Inverse Universe

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



39.4808, 31.3478, 25.0893



53.9771, 39.6874, 27.8999



36.1514, 39.6664, 69.3693



12.4348, 12.4254, 12.9640



16.7836, 8.6498, 0.8988



1.0165, 0.5234, 0.0763

Previews

White Background



This preview shows how the XYZ color 39.4800, 31.3462, 25.0887 looks on a white background.

Color Contrast Check

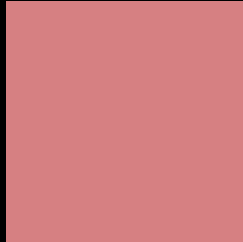
Large Text (above 18pt) WCAG AA × Fail

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 39.4800, 31.3462, 25.0887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

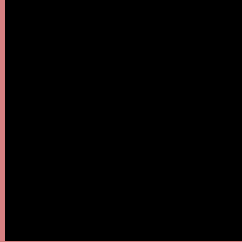
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.4800, 31.3462, 25.0887

Background



This preview shows how black text looks on a background with the XYZ color 39.4800, 31.3462, 25.0887.



This preview shows how white text looks on a background with the XYZ color 39.4800, 31.3462,

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

39.4800, 31.3462, 25.0887

Protanopia

30.0153, 31.5776, 30.1043

Deuteranopia

32.0141, 31.3202, 24.4367



Tritanopia

40.0576, 31.4034, 27.2427

Trichromacy



Original Color

39.4800, 31.3462, 25.0887

Protanomaly

32.7700, 30.9449, 28.2905

Deuteranomaly

34.3641, 30.9709, 24.5889

Tritanomaly

39.9168, 31.3470, 26.5010

Monochromacy



Original Color

39.4800, 31.3462, 25.0887

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

33.1407, 31.5252, 31.1263

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4800, 31.3462, 25.0887 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(214, 128, 130)` looks like.

```
.text, #text, p{  
    color:rgb(214, 128, 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(214, 128, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 128, 130) }
```

Border

The CSS property to change the border of an element to XYZ 39.4800, 31.3462, 25.0887 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(214, 128, 130) }
```


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

```
.border{ border-color:rgb(214, 128, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 128, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 128, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 128, 130);  
box-shadow:4px 4px 4px 4px rgb(214, 128,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4800, 31.3462, 25.0887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 128, 130) }
```

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

```
.background{ background-color: rgb(214,  
128, 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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