

Converting Colors

XYZ(39.9870, 31.4894, 30.4780)

Have a look what the booklet for
XYZ(39.9870, 31.4894, 30.4780)
contains.

XYZ(39.9046, 31.4490, 30.3526)	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(39.9046, 31.4490,
30.3526)**

Conversions

Conversions Part 1

Format	Color
Hex	D48090
RGB	212, 128, 144
RGB Percent	83%, 50%, 56%
CMY	0.1686, 0.4980, 0.4353
CMYK	0.00, 0.40, 0.32, 0.17
HSL	349°, 49%, 67%
HSV	349°, 40%, 83%
XYZ	39.9046, 31.4490, 30.3526
YIQ	154.9400, 44.9280, 22.7840

Conversions

Conversions Part 2

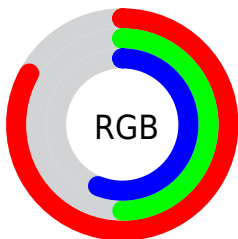
Format	Color
R _Y B	212, 128, 144
Decimal	13926544
CIE Lab	62.88, 34.38, 5.36
CIE LCh	63, 34.791, 8.860
Yxy	31.4490, 0.3924, 0.3092
Android (android.graphics.Color)	4292116624 (0xFFD48090)
YUV	154.9400, -5.3934, 50.0416
Hunter-Lab	56.0794, 28.8768, 7.1653

Details

The XYZ color **39.9046, 31.4490, 30.3526** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **42.4108, 55.6625, 60.7362**, and the grayscale version is **31.1392, 32.7608, 35.6765**.

A 20% lighter version of the original color is **68.1610, 58.7931, 61.1818**, and **18.1918, 13.0845, 12.1564** is the 20% darker color. If you saturate the color by 10%, you get **36.2091, 26.0001, 23.1334**, and if you desaturate by 10%, it is **44.3789, 38.1361, 38.8159**.

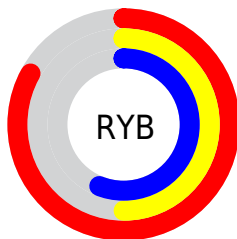
Distribution



Red (83%)

Green (50%)

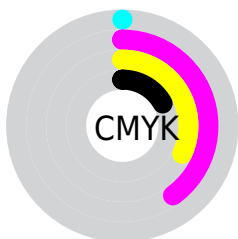
Blue (56%)



Red (83%)

Yellow (50%)

Blue (56%)

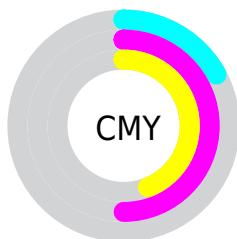


Cyan (0%)

Magenta (40%)

Yellow (32%)

Black (17%)



Cyan (17%)


Magenta (50%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.9046, 31.4490, 30.3526 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 39.9046, 31.4490, 30.3526 by changing the saturation by 10% instead.


 39.9046, 31.4490,
30.3526

 39.9046, 31.4490,
30.3526


336.8626,
308.6016, 317.8029


 27.6480, 20.9410,
19.8521

 74.3035, 61.9463,
61.2869

 18.1996, 13.0809,
12.1045


 97.1765, 82.7044,
82.5578

 11.1940, 7.4843,
6.6915


 124.3191,
107.6479, 108.2559

 6.2657, 3.7668,
3.1944

156.0966,
137.1613, 138.7996

 3.0495, 1.5440,
1.1947

192.8743,
171.6290, 174.6077

 1.1800, 0.3194,
0.0000

235.0177,

 0.0905, 0.0000,

211.4353, 216.0986

0.0000

282.8920,
256.9647, 263.6908

■ 0.0000, 0.0000,
0.0000

■ 39.9046, 31.4490,
30.3526

■ 39.9046, 31.4490,
30.3526

■ 36.2091, 26.0001,
23.1334

■ 44.3789, 38.1361,
38.8159

■ 33.2446, 21.7086,
17.0973

■ 49.6711, 46.1264,
48.5769

■ 30.9620, 18.4915,
12.1804

■ 55.8204, 55.4857,
59.6882

■ 29.3048, 16.2526,
8.3120

■ 62.8630, 66.2744,
72.1987

■ 28.2069, 14.8785,
5.4131

■ 70.8329, 78.5488,
86.1550

■ 27.5608, 14.1748,
3.3834

■ 79.6966, 92.2311,
101.5799

■ 27.5408, 14.1528,
3.3210

■ 80.9614, 92.7371,
108.2407

Harmonies

Analogous

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



39.2919, 31.4490, 44.6206



39.9046, 31.4490, 30.3526



37.6203, 31.4490, 20.2600

Triad

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



39.9046, 31.4490, 30.3526



24.4962, 31.4490, 17.5859



26.7029, 31.4490, 65.0642

Complementary

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



39.9046, 31.4490, 30.3526



42.4108, 55.6625, 60.7362

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.



23.3008, 31.4490, 53.5173



39.9046, 31.4490, 30.3526



22.1242, 31.4490, 25.6132

Square

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



39.9046, 31.4490, 30.3526



28.5003, 31.4490, 14.2881



21.7111, 31.4490, 38.4516



31.3269, 31.4490, 67.3216

Rectangle

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



39.9046, 31.4490, 30.3526



34.8916, 31.4490, 16.3163



21.7111, 31.4490, 38.4516



25.3931, 31.4490, 62.0173

Sweetspot

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



39.9055, 31.4505, 30.3532



82.3182, 80.5125, 86.2321



42.1613, 31.8222, 66.2077



17.3487, 16.8204, 17.9696



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.



39.9055, 31.4505, 30.3532



55.5659, 40.3229, 36.2665



42.4727, 38.4050, 25.5984



12.5189, 12.4591, 13.4069



17.0300, 8.7483, 2.1960



1.0562, 0.5393, 0.2855

Inverse Universe

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



39.9055, 31.4505, 30.3532



55.5659, 40.3229, 36.2665



38.5149, 44.7997, 68.9048



12.5189, 12.4591, 13.4069



17.0300, 8.7483, 2.1960



1.0562, 0.5393, 0.2855

Previews

White Background



This preview shows how the XYZ color 39.9046, 31.4490, 30.3526 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 39.9046, 31.4490, 30.3526 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 39.9046, 31.4490, 30.3526

Background



This preview shows how black text looks on a background with the XYZ color 39.9046, 31.4490, 30.3526.



This preview shows how white text looks on a background with the XYZ color 39.9046, 31.4490,

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

39.9046, 31.4490, 30.3526

Protanopia

30.6405, 31.7608, 36.4138

Deuteranopia

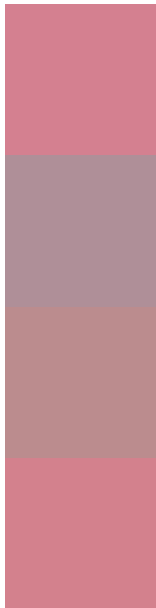
32.2547, 31.5612, 29.5912



Tritanopia

39.3744, 31.4135, 28.4142

Trichromacy



Original Color

39.9046, 31.4490, 30.3526

Protanomaly

33.1692, 31.0259, 33.9462

Deuteranomaly

34.7541, 31.2740, 29.7959

Tritanomaly

39.5219, 31.4725, 29.1911

Monochromacy



Original Color

39.9046, 31.4490, 30.3526

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

33.6158, 31.7153, 33.6281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9046, 31.4490, 30.3526 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(212, 128, 144)` looks like.

```
.text, #text, p{  
    color:rgb(212, 128, 144)  
}
```

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(212, 128, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 128, 144) }
```

Border

The CSS property to change the border of an element to XYZ 39.9046, 31.4490, 30.3526 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(212, 128, 144) }
```


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

```
.border{ border-color:rgb(212, 128, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 128, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 128, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 128, 144);  
box-shadow:4px 4px 4px 4px rgb(212, 128,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9046, 31.4490, 30.3526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 128, 144) }
```

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

```
.background{ background-color: rgb(212,  
128, 144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor