

Converting Colors

XYZ(31.1153, 41.4403, 28.1892)

Have a look what the booklet for
XYZ(31.1153, 41.4403, 28.1892)
contains.

XYZ(31.0295, 41.2694, 28.1602)	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(31.0295, 41.2694,
28.1602)**

Conversions

Conversions Part 1

Format	Color
Hex	84B984
RGB	132, 185, 132
RGB Percent	52%, 73%, 52%
CMY	0.4824, 0.2745, 0.4823
CMYK	0.29, 0.00, 0.29, 0.27
HSL	120°, 27%, 62%
HSV	120°, 29%, 73%
XYZ	31.0295, 41.2694, 28.1602
YIQ	163.1110, -14.5750, -27.7190

Conversions

Conversions Part 2

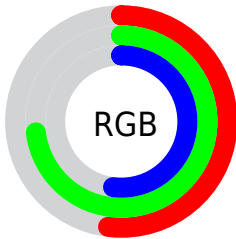
Format	Color
RYB	132, 185, 185
Decimal	8698244
CIELab	70.36, -27.98, 21.48
CIELCh	70, 35.271, 142.485
Yxy	41.2694, 0.3089, 0.4108
Android (android.graphics.Color)	4286888324 (0xFF84B984)
YUV	163.1110, -15.3377, -27.2843
Hunter-Lab	64.2413, -26.2040, 18.9791

Details

The XYZ color **31.0295, 41.2694, 28.1602** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.0171, 30.3203, 49.8018**, and the grayscale version is **34.9411, 36.7608, 40.0325**.

A 20% lighter version of the original color is **60.4620, 76.8525, 57.5463**, and **13.0825, 18.8172, 10.9252** is the 20% darker color. If you saturate the color by 10%, you get **27.2334, 39.4471, 21.9501**, and if you desaturate by 10%, it is **35.5654, 43.4494, 35.5786**.

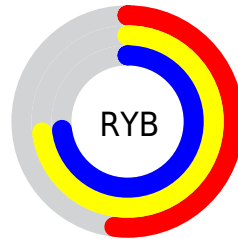
Distribution



Red (52%)

Green (73%)

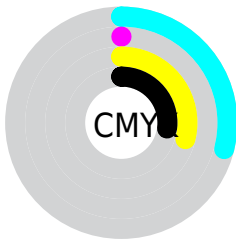
Blue (52%)



Red (52%)

Yellow (73%)

Blue (73%)

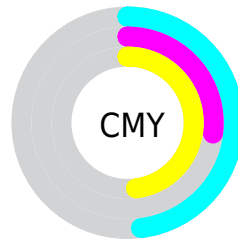


Cyan (29%)

Magenta (0%)

Yellow (29%)

Black (27%)



Cyan (48%)

Magenta (27%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.0295, 41.2694, 28.1602 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 31.0295, 41.2694, 28.1602 by changing the saturation by 10% instead.

■ 31.0295, 41.2694,
28.1602

■ 31.0295, 41.2694,
28.1602

298.4987,
351.4453, 307.1676

■ 20.7732, 28.5296,
18.2064

■ 60.6620, 77.0927,
57.7663

■ 13.0699, 18.7253,
10.9273

■ 80.7690, 100.9450,
78.2556

■ 7.5540, 11.4720,
5.9044

■ 104.8903,
129.2703, 103.0938

■ 3.8603, 6.3852,
2.7192

133.3913,
162.4530, 132.6995

■ 1.6234, 3.0807,
0.9531

166.6372,
200.8774, 167.4912

■ 0.4076, 1.1740,
0.0000

204.9935,

■ 0.0000, 0.0403,

244.9280, 207.8874

0.0000

248.8256,
294.9892, 254.3067

■ 0.0000, 0.0000,
0.0000

■ 31.0295, 41.2694,
28.1602

■ 31.0295, 41.2694,
28.1602

■ 27.2334, 39.4471,
21.9501

■ 35.5654, 43.4494,
35.5786

■ 24.1347, 37.9587,
16.8817

■ 40.8738, 45.9994,
44.2614

■ 21.6921, 36.7854,
12.8864

■ 46.9897, 48.9371,
54.2650

■ 19.8584, 35.9046,
9.8869

■ 53.9447, 52.2780,
65.6410

■ 18.5801, 35.2905,
7.7959

■ 61.7689, 56.0364,
78.4386

■ 17.7944, 34.9131,
6.5106

■ 70.4908, 60.2259,
92.7046

■ 17.3948, 34.7212,
5.8569

■ 76.6398, 63.1796,
102.7633

■ 17.3498, 34.6996,
5.7834

Harmonies

Analogous

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



35.1138, 41.2694, 21.4176



31.0295, 41.2694, 28.1602



29.1773, 41.2694, 40.8874

Triad

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



31.0295, 41.2694, 28.1602



37.7852, 41.2694, 84.6089



50.4555, 41.2694, 33.7961

Complementary

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



31.0295, 41.2694, 28.1602



37.0171, 30.3203, 49.8018

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.



51.3500, 41.2694, 49.2420



31.0295, 41.2694, 28.1602



43.6458, 41.2694, 81.3678

Square

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



31.0295, 41.2694, 28.1602



32.8199, 41.2694, 75.3202



48.7505, 41.2694, 67.3203



46.4143, 41.2694, 24.0680

Rectangle

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



31.0295, 41.2694, 28.1602



29.3154, 41.2694, 52.1982



48.7505, 41.2694, 67.3203



51.1493, 41.2694, 38.3795

Sweetspot

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



31.0306, 41.2711, 28.1611



72.6949, 82.1373, 78.4399



41.5232, 46.6803, 28.6517



15.3582, 17.5566, 16.3975



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



31.0306, 41.2711, 28.1611



51.4013, 71.9089, 43.6106



33.0805, 42.0911, 38.9557



8.8904, 10.0601, 9.5802



11.8131, 23.6262, 3.9378



0.4164, 0.8329, 0.1388

Inverse Universe

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



37.0171, 30.3203, 49.8018



63.7781, 49.2688, 88.3513



34.4748, 29.3034, 36.4140



9.3810, 9.1628, 11.3535



19.5857, 9.4081, 32.0350



0.6904, 0.3317, 1.1293

Previews

White Background



This preview shows how the XYZ color 31.0295, 41.2694, 28.1602 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 31.0295, 41.2694, 28.1602 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 31.0295, 41.2694, 28.1602

Background



This preview shows how black text looks on a background with the XYZ color 31.0295, 41.2694, 28.1602.



This preview shows how white text looks on a background with the XYZ color 31.0295, 41.2694,

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

31.0295, 41.2694, 28.1602

Protanopia

38.0960, 40.8225, 25.6103

Deuteranopia

41.7185, 40.9672, 29.0012



Tritanopia

36.5643, 41.0897, 55.8731

Trichromacy



Original Color

31.0295, 41.2694, 28.1602

Protanomaly

34.9387, 40.6085, 26.4188

Deuteranomaly

36.8049, 40.3683, 28.7737

Tritanomaly

34.2244, 41.0338, 44.1467

Monochromacy



Original Color

31.0295, 41.2694, 28.1602

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

33.1793, 38.0682, 35.3049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0295, 41.2694, 28.1602 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(132, 185, 132)` looks like.

```
.text, #text, p{  
    color:rgb(132, 185, 132)  
}
```

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(132, 185, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 185, 132) }
```

Border

The CSS property to change the border of an element to XYZ 31.0295, 41.2694, 28.1602 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(132, 185, 132) }
```


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

```
.border{ border-color:rgb(132, 185, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 185, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 185, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 185, 132);  
box-shadow:4px 4px 4px 4px rgb(132, 185,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0295, 41.2694, 28.1602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 185, 132) }
```

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

```
.background{ background-color: rgb(132,  
185, 132) }
```

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