

Converting Colors

XYZ(31.5766, 41.3365, 24.0845)

Have a look what the booklet for
XYZ(31.5766, 41.3365, 24.0845)
contains.

XYZ(31.5152, 41.2998, 24.0799)	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(31.5152, 41.2998,
24.0799)**

Conversions

Conversions Part 1

Format	Color
Hex	8DB878
RGB	141, 184, 120
RGB Percent	55%, 72%, 47%
CMY	0.4471, 0.2784, 0.5294
CMYK	0.23, 0.00, 0.35, 0.28
HSL	100°, 31%, 60%
HSV	100°, 35%, 72%
XYZ	31.5152, 41.2998, 24.0799
YIQ	163.8470, -5.0840, -29.0200

Conversions

Conversions Part 2

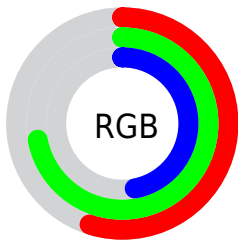
Format	Color
RYB	120, 184, 163
Decimal	9287800
CIELab	70.39, -26.28, 27.99
CIELCh	70, 38.397, 133.193
Yxy	41.2998, 0.3253, 0.4262
Android (android.graphics.Color)	4287477880 (0xFF8DB878)
YUV	163.8470, -21.6166, -20.0368
Hunter-Lab	64.2649, -24.9281, 22.7696

Details

The XYZ color **31.5152, 41.2998, 24.0799** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **30.4742, 24.6813, 48.5075**, and the grayscale version is **35.3160, 37.1552, 40.4620**.

A 20% lighter version of the original color is **61.4679, 77.0731, 51.1721**, and **13.3735, 18.8114, 8.8873** is the 20% darker color. If you saturate the color by 10%, you get **28.5182, 39.8729, 18.6602**, and if you desaturate by 10%, it is **34.9637, 42.9371, 30.6426**.

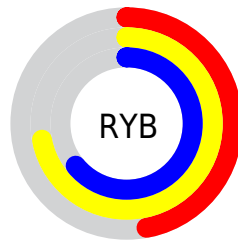
Distribution



Red (55%)

Green (72%)

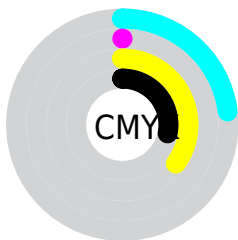
Blue (47%)



Red (47%)

Yellow (72%)

Blue (64%)

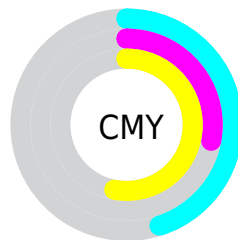


Cyan (23%)

Magenta (0%)

Yellow (35%)

Black (28%)



Cyan (45%)

Magenta (28%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.5152, 41.2998, 24.0799 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 31.5152, 41.2998, 24.0799 by changing the saturation by 10% instead.

■ 31.5152, 41.2998,
24.0799

■ 31.5152, 41.2998,
24.0799

300.6895,
351.5721, 286.5237

■ 21.1452, 28.5534,
15.1802

■ 61.4206, 77.1388,
51.1060

■ 13.3433, 18.7432,
8.7979

■ 81.6868, 101.0002,
70.0695

■ 7.7440, 11.4849,
4.5146

■ 105.9824,
129.3354, 93.2246

■ 3.9820, 6.3940,
1.9117

134.6728,
162.5288, 120.9899

■ 1.6919, 3.0861,
0.5001

168.1234,
200.9647, 153.7839

■ 0.4512, 1.1768,
0.0000

206.6995,

■ 0.0000, 0.0427,

245.0277, 192.0252

0.0000

250.7664,
295.1020, 236.1323

■ 0.0000, 0.0000,
0.0000

■ 31.5152, 41.2998,
24.0799

■ 31.5152, 41.2998,
24.0799

■ 28.5182, 39.8729,
18.6602

■ 34.9637, 42.9371,
30.6426

■ 25.9494, 38.6421,
14.3154

■ 38.8791, 44.7878,
38.4058

■ 23.7883, 37.5998,
10.9745


■ 43.2801, 46.8615,
47.4262


■ 22.0110, 36.7352,
8.5568


■ 48.1832, 49.1656,
57.7561


■ 20.5907, 36.0367,
6.9691

■ 53.6044, 51.7072,
69.4452

 19.4964, 35.4907,
6.0985

 59.5585, 54.4930,
82.5401

 19.0273, 35.2549,
5.8020

 66.0601, 57.5295,
97.0855

 71.0950, 60.0117,
102.4440

 75.4343, 62.2487,
102.6471

Harmonies

Analogous

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



36.5474, 41.2998, 18.8955



31.5152, 41.2998, 24.0799



28.7390, 41.2998, 35.6432

Triad

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



31.5152, 41.2998, 24.0799



35.8465, 41.2998, 87.1540



52.3042, 41.2998, 37.4887

Complementary

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



31.5152, 41.2998, 24.0799



30.4742, 24.6813, 48.5075

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.



52.0646, 41.2998, 55.7930



31.5152, 41.2998, 24.0799



42.0915, 41.2998, 88.0394

Square

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



31.5152, 41.2998, 24.0799



31.0497, 41.2998, 73.2206



48.1666, 41.2998, 75.3882



48.7900, 41.2998, 25.1172

Rectangle

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



31.5152, 41.2998, 24.0799



28.3349, 41.2998, 46.9335



48.1666, 41.2998, 75.3882



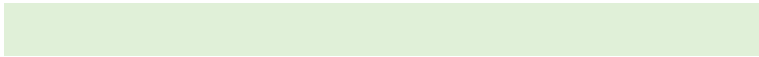
52.6704, 41.2998, 43.0590

Sweetspot

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



31.5162, 41.3016, 24.0808



74.0465, 82.8702, 76.8758



36.1971, 37.6243, 23.1243



15.7260, 17.7534, 16.0890



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.



31.5162, 41.3016, 24.0808



52.7597, 72.7856, 35.7044



28.9616, 39.9056, 27.5314



9.1605, 10.1994, 9.5928



13.1801, 24.3309, 4.0017



0.5316, 0.8923, 0.1442

Inverse Universe

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



30.4742, 24.6813, 48.5075



50.5598, 37.9640, 86.8676



34.0603, 26.6544, 43.0560



9.0868, 9.0111, 11.3398



11.7315, 5.3590, 31.6691



0.4758, 0.2210, 1.1193

Previews

White Background



This preview shows how the XYZ color 31.5152, 41.2998, 24.0799 looks on a white background.

Color Contrast Check

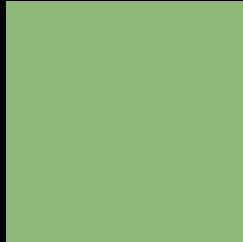
Large Text (above 18pt) WCAG AA × Fail

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 31.5152, 41.2998, 24.0799 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 31.5152, 41.2998, 24.0799

Background



This preview shows how black text looks on a background with the XYZ color 31.5152, 41.2998, 24.0799.



This preview shows how white text looks on a background with the XYZ color 31.5152, 41.2998,

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

31.5152, 41.2998, 24.0799

Protanopia

38.0967, 41.1820, 22.1607

Deuteranopia

41.5422, 40.7027, 24.7357



Tritanopia

37.4642, 41.0095, 54.0852

Trichromacy



Original Color

31.5152, 41.2998, 24.0799

Protanomaly

35.3138, 40.8811, 22.8592

Deuteranomaly

36.9605, 40.2592, 24.5617

Tritanomaly

34.8340, 40.8170, 41.1645

Monochromacy



Original Color

31.5152, 41.2998, 24.0799

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

33.6185, 38.3319, 33.6439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5152, 41.2998, 24.0799 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(141, 184, 120)` looks like.

```
.text, #text, p{  
    color:rgb(141, 184, 120)  
}
```

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(141, 184, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 184, 120) }
```

Border

The CSS property to change the border of an element to XYZ 31.5152, 41.2998, 24.0799 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(141, 184, 120) }
```


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

```
.border{ border-color:rgb(141, 184, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 184, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 184, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 184, 120); box-shadow:4px 4px 4px 4px rgb(141, 184, 120) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5152, 41.2998, 24.0799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 184, 120) }
```

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

```
.background{ background-color: rgb(141,  
184, 120) }
```

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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