

Converting Colors

XYZ(31.0239, 42.2171, 26.3094)

Have a look what the booklet for
XYZ(31.0239, 42.2171, 26.3094)
contains.

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Color

**XYZ(31.1092, 42.2981,
26.2634)**

Conversions

Conversions Part 1

Format	Color
Hex	83BC7E
RGB	131, 188, 126
RGB Percent	51%, 74%, 49%
CMY	0.4863, 0.2627, 0.5059
CMYK	0.30, 0.00, 0.33, 0.26
HSL	115°, 32%, 62%
HSV	115°, 33%, 74%
XYZ	31.1092, 42.2981, 26.2634
YIQ	163.8890, -14.0700, -31.3660

Conversions

Conversions Part 2

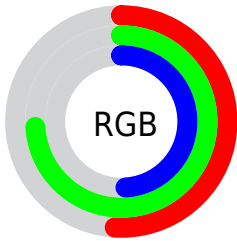
Format	Color
RYB	126, 188, 183
Decimal	8633470
CIELab	71.08, -30.75, 25.63
CIELCh	71, 40.033, 140.185
Yxy	42.2981, 0.3121, 0.4244
Android (android.graphics.Color)	4286823550 (0xFF83BC7E)
YUV	163.8890, -18.6793, -28.8437
Hunter-Lab	65.0370, -28.4327, 21.5833

Details

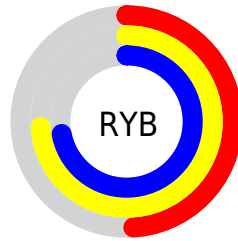
The XYZ color **31.1092, 42.2981, 26.2634** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **36.0683, 28.6211, 51.2026**, and the grayscale version is **35.3255, 37.1652, 40.4729**.

A 20% lighter version of the original color is **61.0388, 78.9986, 54.6790**, and **13.0541, 19.2343, 9.8620** is the 20% darker color. If you saturate the color by 10%, you get **27.5511, 40.5923, 20.3486**, and if you desaturate by 10%, it is **35.3441, 44.3289, 33.4017**.

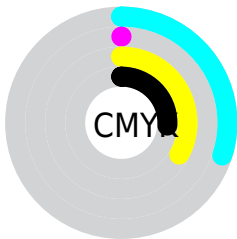
Distribution



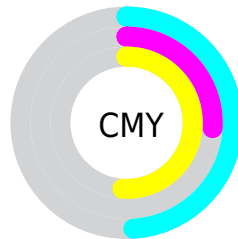
- Red (51%)
- Green (74%)
- Blue (49%)



- Red (49%)
- Yellow (74%)
- Blue (72%)



- Cyan (30%)
- Magenta (0%)
- Yellow (33%)
- Black (26%)



- Cyan (49%)
- Magenta (26%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.1092, 42.2981, 26.2634 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 31.1092, 42.2981, 26.2634 by changing the saturation by 10% instead.

■ 31.1092, 42.2981,
26.2634

■ 31.1092, 42.2981,
26.2634

298.8590,
355.7172, 297.7192

■ 20.8342, 29.3348,
16.7933

■ 60.7866, 78.6506,
54.6889

■ 13.1147, 19.3342,
9.9268

■ 80.9198, 102.8085,
74.4813

■ 7.5851, 11.9120,
5.2455

■ 105.0698,
131.4668, 98.5515

■ 3.8802, 6.6838,
2.3308

133.6019,
165.0099, 127.3181

■ 1.6346, 3.2652,
0.7484

166.8815,
203.8220, 161.1997

■ 0.4148, 1.2717,
0.0000

205.2740,

■ 0.0000, 0.1191,

248.2877, 200.6147

0.0000

249.1447,
298.7913, 245.9817

■ 0.0000, 0.0000,
0.0000

■ 31.1092, 42.2981,
26.2634

■ 31.1092, 42.2981,
26.2634

■ 27.5511, 40.5923,
20.3486

■ 35.3441, 44.3289,
33.4017

■ 24.6316, 39.1896,
15.5860

■ 40.2850, 46.6947,
41.8239

■ 22.3137, 38.0739,
11.9014


■ 45.9632, 49.4117,
51.5896


■ 20.5552, 37.2251,
9.2107


■ 52.4073, 52.4933,
62.7540


■ 19.3085, 36.6208,
7.4174


■ 59.6443, 55.9524,
75.3692

 18.5178, 36.2347,
6.4056

 67.6999, 59.8012,
89.4845

 18.1836, 36.0710,
6.0040

 76.1765, 63.8823,
102.9233

 77.2741, 64.4481,
102.9747

Harmonies

Analogous

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



35.9256, 42.2981, 19.4081



31.1092, 42.2981, 26.2634



28.8126, 42.2981, 40.0561

Triad

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



31.1092, 42.2981, 26.2634



38.0498, 42.2981, 92.7330



53.5265, 42.2981, 34.4766

Complementary

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



31.1092, 42.2981, 26.2634



36.0683, 28.6211, 51.2026

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.



54.2581, 42.2981, 52.6257



31.1092, 42.2981, 26.2634



44.8073, 42.2981, 90.0118

Square

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



31.1092, 42.2981, 26.2634



32.5156, 42.2981, 80.5469



50.9161, 42.2981, 73.9033



49.0156, 42.2981, 23.1566

Rectangle

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



31.1092, 42.2981, 26.2634



28.8241, 42.2981, 52.8822



50.9161, 42.2981, 73.9033



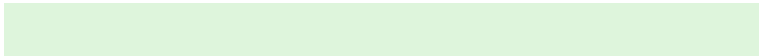
54.2405, 42.2981, 39.8430

Sweetspot

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



31.1103, 42.2999, 26.2643



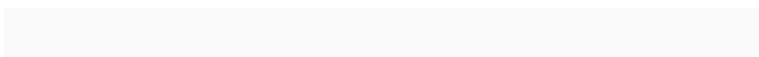
75.7669, 85.9442, 80.5281



41.4059, 45.9981, 26.4355



15.9941, 18.3387, 16.8039



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



31.1103, 42.2999, 26.2643



51.3234, 74.2330, 39.1778



32.2426, 42.6655, 36.1713



9.4782, 10.6854, 10.1396



12.4062, 24.5715, 4.0889



0.5105, 0.9751, 0.1613

Inverse Universe

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



36.0683, 28.6211, 51.2026



61.7594, 45.3987, 91.7340



34.7378, 28.2288, 37.8794



9.8520, 9.6561, 12.0168



17.9196, 8.5240, 33.0937



0.7246, 0.3456, 1.2974

Previews

White Background



This preview shows how the XYZ color 31.1092, 42.2981, 26.2634 looks on a white background.

Color Contrast Check

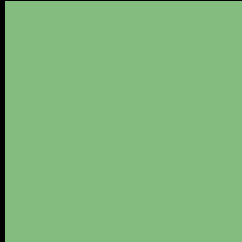
Large Text (above 18pt) WCAG AA × Fail

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 31.1092, 42.2981, 26.2634 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 31.1092, 42.2981, 26.2634

Background



This preview shows how black text looks on a background with the XYZ color 31.1092, 42.2981, 26.2634.



This preview shows how white text looks on a background with the XYZ color 31.1092, 42.2981,

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

31.1092, 42.2981, 26.2634

Protanopia

38.8273, 41.8080, 23.7926

Deuteranopia

42.6348, 41.7485, 27.2839



Tritanopia

37.3866, 42.3772, 57.2481

Trichromacy



Original Color

31.1092, 42.2981, 26.2634

Protanomaly

35.3696, 41.4614, 24.5510

Deuteranomaly

37.2300, 41.2042, 26.7599

Tritanomaly

34.7424, 42.2205, 43.8544

Monochromacy



Original Color

31.1092, 42.2981, 26.2634

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

33.3975, 38.7645, 34.5762

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.1092, 42.2981, 26.2634 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(131, 188, 126)` looks like.

```
.text, #text, p{  
    color:rgb(131, 188, 126)  
}
```

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(131, 188, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 188, 126) }
```

Border

The CSS property to change the border of an element to XYZ 31.1092, 42.2981, 26.2634 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(131, 188, 126) }
```


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

```
.border{ border-color:rgb(131, 188, 126) }
```

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

Here you see how a box with a 4 pixel rgb(131, 188, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 188, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 188, 126);  
box-shadow:4px 4px 4px 4px rgb(131, 188,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 31.1092, 42.2981, 26.2634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 188, 126) }
```

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

```
.background{ background-color: rgb(131,  
188, 126) }
```

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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