

Converting Colors

XYZ(31.0507, 44.4251, 33.0058)

Have a look what the booklet for
XYZ(31.0507, 44.4251, 33.0058)
contains.

XYZ(31.0286, 44.3929, 32.9199)	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(31.0286, 44.3929,
32.9199)**

Conversions

Conversions Part 1

Format	Color
Hex	6FC38F
RGB	111, 195, 143
RGB Percent	44%, 76%, 56%
CMY	0.5647, 0.2353, 0.4392
CMYK	0.43, 0.00, 0.27, 0.24
HSL	143°, 41%, 60%
HSV	143°, 43%, 76%
XYZ	31.0286, 44.3929, 32.9199
YIQ	163.9560, -33.3720, -33.9800

Conversions

Conversions Part 2

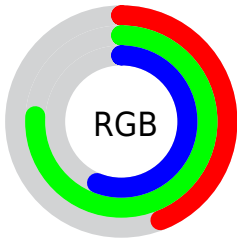
Format	Color
RYB	111, 172, 195
Decimal	7324559
CIELab	72.49, -37.14, 18.34
CIELCh	72, 41.423, 153.728
Yxy	44.3929, 0.2864, 0.4098
Android (android.graphics.Color)	4285514639 (0xFF6FC38F)
YUV	163.9560, -10.3313, -46.4424
Hunter-Lab	66.6280, -33.4717, 17.3453

Details

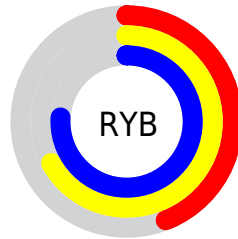
The XYZ color **31.0286, 44.3929, 32.9199** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **34.8025, 25.6164, 37.7623**, and the grayscale version is **35.3256, 37.1653, 40.4730**.

A 20% lighter version of the original color is **60.6143, 81.7590, 65.4097**, and **13.0875, 20.6632, 13.4238** is the 20% darker color. If you saturate the color by 10%, you get **27.9719, 42.9184, 28.2576**, and if you desaturate by 10%, it is **34.7217, 46.1865, 38.1276**.

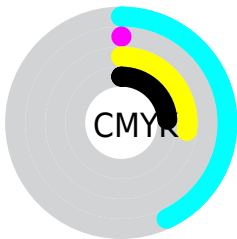
Distribution



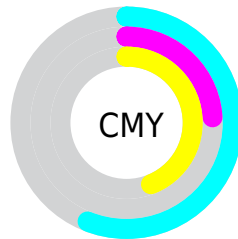
- Red (44%)
- Green (76%)
- Blue (56%)



- Red (44%)
- Yellow (67%)
- Blue (76%)



- Cyan (43%)
- Magenta (0%)
- Yellow (27%)
- Black (24%)





- Cyan (56%)
- Magenta (24%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.0286, 44.3929, 32.9199 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 31.0286, 44.3929, 32.9199 by changing the saturation by 10% instead.


 31.0286, 44.3929,
32.9199


 31.0286, 44.3929,
32.9199


298.4946,
364.3092, 329.9096


 20.7726, 30.9795,
21.7945

 60.6606, 81.8086,
65.3650

 13.0694, 20.5832,
13.5091

 80.7673, 106.5798,
87.5218

 7.5537, 12.8197,
7.6452


 104.8883,
135.9056, 114.1928

 3.8601, 7.3045,
3.7843

133.3889,
170.1706, 145.7965

 1.6233, 3.6533,
1.5078

166.6345,
209.7590, 182.7515

 0.4075, 1.4816,
0.2237

204.9904,

 0.0000, 0.2757,

255.0553, 225.4763

0.0000

248.8220,
306.4439, 274.3895

■ 0.0000, 0.0000,
0.0000

■ 31.0286, 44.3929,
32.9199

■ 31.0286, 44.3929,
32.9199

■ 27.9719, 42.9184,
28.2576

■ 34.7217, 46.1865,
38.1276

■ 25.5098, 41.7381,
24.1199

■ 39.0826, 48.3116,
43.8949

■ 23.6006, 40.8323,
20.4886


■ 44.1449, 50.7861,
50.2392


■ 22.1957, 40.1763,
17.3435

■ 49.9389, 53.6255,
57.1759

■ 21.2369, 39.7403,
14.6628


■ 56.4928, 56.8439,
64.7202

 20.7616, 39.5301,
13.0649

 63.8336, 60.4551,
72.8866

 71.9868, 64.4718,
81.6890

 76.4213, 66.5580,
90.9278

 78.2709, 67.2979,
100.6680

Harmonies

Analogous

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



35.0121, 44.3929, 22.4297



31.0286, 44.3929, 32.9199



29.9091, 44.3929, 50.9415

Triad

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



31.0286, 44.3929, 32.9199



43.0942, 44.3929, 99.2289



54.6911, 44.3929, 29.6058

Complementary

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



31.0286, 44.3929, 32.9199



34.8025, 25.6164, 37.7623

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.



57.4524, 44.3929, 45.8215



31.0286, 44.3929, 32.9199



50.2967, 44.3929, 89.0305

Square

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



31.0286, 44.3929, 32.9199



36.3970, 44.3929, 92.9324



55.7605, 44.3929, 67.9414



48.5763, 44.3929, 20.9302

Rectangle

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



31.0286, 44.3929, 32.9199



30.8189, 44.3929, 65.9725



55.7605, 44.3929, 67.9414



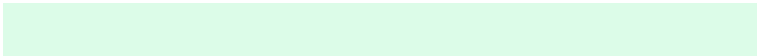
56.0718, 44.3929, 34.1617

Sweetspot

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



31.0298, 44.3947, 32.9209



78.9401, 90.8958, 89.8274



37.7371, 48.0937, 22.3335



16.8167, 19.6751, 19.0922



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.



31.0298, 44.3947, 32.9209



50.2300, 76.9288, 50.8214



34.7029, 45.8640, 52.2631



10.0996, 11.3209, 11.5281



13.5315, 25.7066, 8.6917



0.6183, 1.1242, 0.5527

Inverse Universe

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



34.8025, 25.6164, 37.7623



57.8799, 38.7824, 60.5871



31.7167, 24.3820, 21.5126



10.3294, 10.1804, 11.8250



16.9013, 8.4503, 12.6581



0.7630, 0.3782, 0.7192

Previews

White Background



This preview shows how the XYZ color 31.0286, 44.3929, 32.9199 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 31.0286, 44.3929, 32.9199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

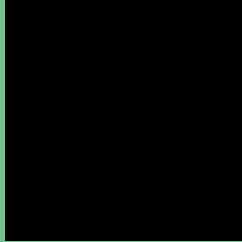
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.0286, 44.3929, 32.9199

Background



This preview shows how black text looks on a background with the XYZ color 31.0286, 44.3929, 32.9199.

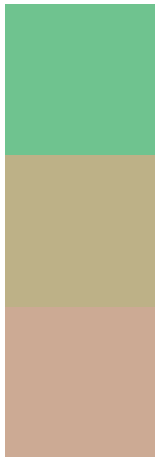


This preview shows how white text looks on a background with the XYZ color 31.0286, 44.3929,

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

31.0286, 44.3929, 32.9199

Protanopia

41.0816, 44.0124, 29.2517

Deuteranopia

44.6219, 43.7249, 34.1049



Tritanopia

36.8884, 44.1649, 62.4576

Trichromacy



Original Color

31.0286, 44.3929, 32.9199



Protanomaly

36.4259, 43.6930, 30.5585



Deuteranomaly

37.8860, 42.8616, 33.4704



Tritanomaly

34.4997, 44.1562, 50.4207

Monochromacy



Original Color

31.0286, 44.3929, 32.9199



Achromatopsia

35.2861, 37.1238, 40.4278



Achromatomaly

33.0078, 39.0800, 37.2560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0286, 44.3929, 32.9199 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(111, 195, 143)` looks like.

```
.text, #text, p{  
    color:rgb(111, 195, 143)  
}
```

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(111, 195, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 195, 143) }
```

Border

The CSS property to change the border of an element to XYZ 31.0286, 44.3929, 32.9199 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(111, 195, 143) }
```


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

```
.border{ border-color:rgb(111, 195, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 195, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 195, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 195, 143);  
box-shadow:4px 4px 4px 4px rgb(111, 195,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0286, 44.3929, 32.9199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 195, 143) }
```

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

```
.background{ background-color: rgb(111,  
195, 143) }
```

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