

Converting Colors

XYZ(29.6022, 38.5303, 33.1799)

Have a look what the booklet for
XYZ(29.6022, 38.5303, 33.1799)
contains.

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Color

**XYZ(29.6206, 38.6006,
33.0836)**

Conversions

Conversions Part 1

Format	Color
Hex	7CB392
RGB	124, 179, 146
RGB Percent	49%, 70%, 57%
CMY	0.5137, 0.2980, 0.4274
CMYK	0.31, 0.00, 0.18, 0.30
HSL	144°, 27%, 59%
HSV	144°, 31%, 70%
XYZ	29.6206, 38.6006, 33.0836
YIQ	158.7930, -22.1870, -21.9230

Conversions

Conversions Part 2

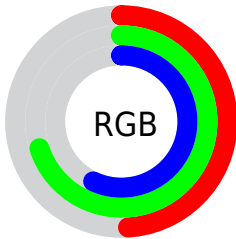
Format	Color
RYB	124, 163, 179
Decimal	8172434
CIELab	68.46, -25.06, 11.17
CIElCh	68, 27.439, 155.987
Yxy	38.6006, 0.2924, 0.3810
Android (android.graphics.Color)	4286362514 (0xFF7CB392)
YUV	158.7930, -6.3069, -30.5135
Hunter-Lab	62.1294, -23.6253, 11.9189

Details

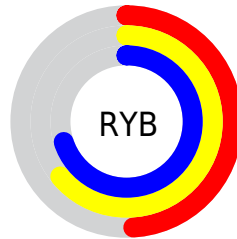
The XYZ color **29.6206, 38.6006, 33.0836** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **31.8852, 26.4343, 35.3217**, and the grayscale version is **32.8961, 34.6092, 37.6895**.

A 20% lighter version of the original color is **58.4938, 73.0518, 65.6610**, and **12.2741, 17.1644, 13.4926** is the 20% darker color. If you saturate the color by 10%, you get **26.4683, 37.0686, 28.7780**, and if you desaturate by 10%, it is **33.3231, 40.4093, 37.8264**.

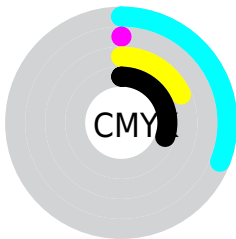
Distribution



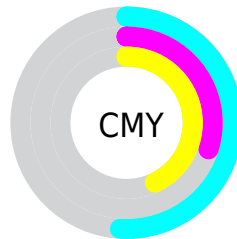
- Red (49%)
- Green (70%)
- Blue (57%)



- Red (49%)
- Yellow (64%)
- Blue (70%)



- Cyan (31%)
- Magenta (0%)
- Yellow (18%)
- Black (30%)





- Cyan (51%)
- Magenta (30%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.6206, 38.6006, 33.0836 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 29.6206, 38.6006, 33.0836 by changing the saturation by 10% instead.


 29.6206, 38.6006,
33.0836


 29.6206, 38.6006,
33.0836


292.0736,
340.1894, 330.6698


 19.6974, 26.4492,
21.9189


 58.4524, 73.0278,
65.6235

 12.2823, 17.1600,
13.5995

 78.0918, 96.0723,
87.8358

 7.0098, 10.3486,
7.7071


 101.7006,
123.5166, 114.5677

 3.5146, 5.6307,
3.8230

129.6442,
155.7452, 146.2377

 1.4314, 2.6219,
1.5288

162.2879,
193.1424, 183.2644

 0.2784, 0.9377,
0.2392

199.9972,

 0.0000, 0.0000,

236.0925, 226.0663

0.0000

243.1373,
284.9801, 275.0619

■ 29.6206, 38.6006,
33.0836

■ 29.6206, 38.6006,
33.0836

■ 26.4683, 37.0686,
28.7780

■ 33.3231, 40.4093,
37.8264

■ 23.8355, 35.7946,
24.8946

■ 37.5983, 42.5028,
43.0157

■ 21.6931, 34.7648,
21.4209

■ 42.4711, 44.8948,
48.6641

■ 20.0078, 33.9624,
18.3432

■ 47.9640, 47.5968,
54.7825

■ 18.7420, 33.3682,
15.6468

■ 54.0984, 50.6195,
61.3817

■ 17.8511, 32.9596,
13.3158

■ 60.8946, 53.9732,
68.4719

■ 17.2774, 32.7043,
11.4644

■ 68.3721, 57.6676,
76.0633

■ 71.9157, 59.3236,
83.9488

■ 73.4881, 59.9525,
92.2287

Harmonies

Analogous

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



32.0267, 38.6006, 25.5874



29.6206, 38.6006, 33.0836



29.0412, 38.6006, 44.5567

Triad

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



29.6206, 38.6006, 33.0836



37.5609, 38.6006, 70.3632



43.8189, 38.6006, 29.5575

Complementary

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



29.6206, 38.6006, 33.0836



31.8852, 26.4343, 35.3217

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.



45.5732, 38.6006, 39.5997



29.6206, 38.6006, 33.0836



41.7825, 38.6006, 64.3337

Square

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



29.6206, 38.6006, 33.0836



33.4153, 38.6006, 67.6817



44.8003, 38.6006, 52.4581



40.1692, 38.6006, 23.8482

Rectangle

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



29.6206, 38.6006, 33.0836



29.7255, 38.6006, 53.3230



44.8003, 38.6006, 52.4581



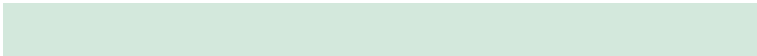
44.6624, 38.6006, 32.4550

Sweetspot

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



29.6216, 38.6022, 33.0845



68.6367, 76.7566, 78.5745



33.8437, 40.9578, 25.1912



14.9419, 16.8757, 17.0958



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



29.6216, 38.6022, 33.0845



49.0515, 67.1870, 53.8486



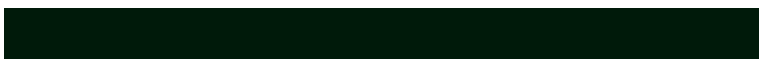
31.9361, 39.5280, 45.2722



8.5251, 9.5445, 9.7589



12.2389, 23.1215, 8.2607



0.4143, 0.7392, 0.4137

Inverse Universe

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



31.8852, 26.4343, 35.3217



53.7628, 41.8448, 58.4929



29.8565, 25.6228, 24.6388



8.7032, 8.5880, 9.9356



15.0600, 7.5416, 10.7419



0.5017, 0.2484, 0.4848

Previews

White Background



This preview shows how the XYZ color 29.6206, 38.6006, 33.0836 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 29.6206, 38.6006, 33.0836 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 29.6206, 38.6006, 33.0836

Background



This preview shows how black text looks on a background with the XYZ color 29.6206, 38.6006, 33.0836.

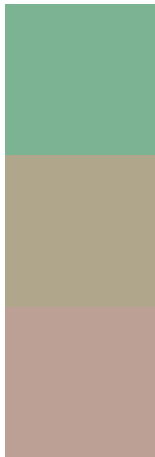


This preview shows how white text looks on a background with the XYZ color 29.6206, 38.6006,

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

29.6206, 38.6006, 33.0836

Protanopia

35.9756, 38.2505, 29.9131

Deuteranopia

38.8149, 38.0350, 34.1499



Tritanopia

33.4289, 38.3805, 52.6600

Trichromacy



Original Color

29.6206, 38.6006, 33.0836

Protanomaly

33.1557, 38.1467, 31.2067

Deuteranomaly

34.7606, 37.8067, 33.8991

Tritanomaly

31.8296, 38.3056, 44.7459

Monochromacy



Original Color

29.6206, 38.6006, 33.0836

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

31.3230, 35.7165, 35.8149

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6206, 38.6006, 33.0836 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(124, 179, 146)` looks like.

```
.text, #text, p{  
    color:rgb(124, 179, 146)  
}
```

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(124, 179, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 179, 146) }
```

Border

The CSS property to change the border of an element to XYZ 29.6206, 38.6006, 33.0836 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(124, 179, 146) }
```


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

```
.border{ border-color:rgb(124, 179, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 179, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 179, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 179, 146);  
box-shadow:4px 4px 4px 4px rgb(124, 179,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6206, 38.6006, 33.0836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 179, 146) }
```

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

```
.background{ background-color: rgb(124,  
179, 146) }
```

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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