

Converting Colors

XYZ(29.9593, 43.1736, 32.0013)

Have a look what the booklet for
XYZ(29.9593, 43.1736, 32.0013)
contains.

| | |
|--|----|
| XYZ(29.9411, 43.1888, 31.9575) | 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(29.9411, 43.1888,
31.9575)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 6BC18D |
| RGB | 107, 193, 141 |
| RGB Percent | 42%, 76%, 55% |
| CMY | 0.5804, 0.2431, 0.4471 |
| CMYK | 0.45, 0.00, 0.27, 0.24 |
| HSL | 144°, 41%, 59% |
| HSV | 144°, 45%, 76% |
| XYZ | 29.9411, 43.1888, 31.9575 |
| YIQ | 161.3580, -34.5640, -34.4040 |

Conversions

Conversions Part 2

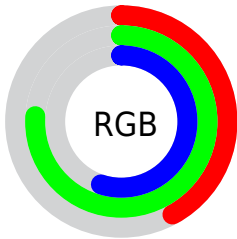
| Format | Color |
|-------------------------------------|--|
| RYB | 107, 169, 193 |
| Decimal | 7061901 |
| CIELab | 71.68, -37.73, 18.26 |
| CIELCh | 72, 41.922, 154.172 |
| Yxy | 43.1888, 0.2849, 0.4110 |
| Android (android.graphics.Color) | 4285251981 (0xFF6BC18D) |
| YUV | 161.3580, -10.0365, -47.6720 |
| Hunter-Lab | 65.7182, -33.6825, 17.1711 |

Details

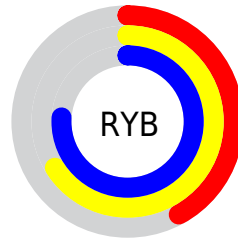
The XYZ color **29.9411, 43.1888, 31.9575** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **33.5095, 24.3571, 35.7379**, and the grayscale version is **34.1006, 35.8765, 39.0695**.

A 20% lighter version of the original color is **58.9362, 79.9927, 63.9636**, and **12.5371, 19.9506, 13.0876** is the 20% darker color. If you saturate the color by 10%, you get **27.0516, 41.7955, 27.5262**, and if you desaturate by 10%, it is **33.4423, 44.8892, 36.8970**.

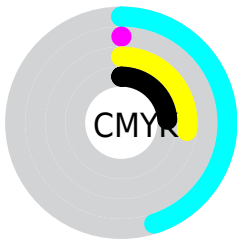
Distribution



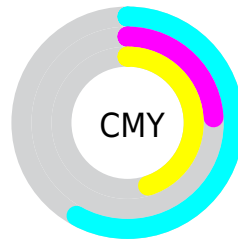
- Red (42%)
- Green (76%)
- Blue (55%)



- Red (42%)
- Yellow (66%)
- Blue (76%)



- Cyan (45%)
- Magenta (0%)
- Yellow (27%)
- Black (24%)





- Cyan (58%)
- Magenta (24%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.9411, 43.1888, 31.9575 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 29.9411, 43.1888, 31.9575 by changing the saturation by 10% instead.


 29.9411, 43.1888,
31.9575


 29.9411, 43.1888,
31.9575


293.5446,
359.3876, 325.4124


 19.9417, 30.0333,
21.0645


 58.9563, 79.9957,
63.8416


 12.4607, 19.8638,
12.9794


 78.7028, 104.4158,
85.6698

 7.1327, 12.2961,
7.2838


 102.4291,
133.3597, 111.9800

 3.5923, 6.9457,
3.5591

 130.5005,
167.2116, 143.1910

 1.4742, 3.4282,
1.3867

163.2824,
206.3559, 179.7212

 0.3082, 1.3591,
0.1313

201.1402,

 0.0000, 0.1863,

251.1771, 221.9891

0.0000

244.4391,
302.0595, 270.4133

■ 0.0000, 0.0000,
0.0000

■ 29.9411, 43.1888,
31.9575

■ 29.9411, 43.1888,
31.9575

■ 27.0516, 41.7955,
27.5262

■ 33.4423, 44.8892,
36.8970

■ 24.7327, 40.6849,
23.5837

■ 37.5861, 46.9089,
42.3575

■ 22.9433, 39.8374,
20.1134


■ 42.4053, 49.2655,
48.3549


■ 21.6352, 39.2285,
17.0969

■ 47.9296, 51.9742,
54.9035

■ 20.7501, 38.8285,
14.5141


■ 54.1866, 55.0488,
62.0173

 20.3858, 38.6675,
13.2818

 61.2026, 58.5027,
69.7094

 69.0025, 62.3484,
77.9928

 75.2143, 65.3629,
86.7678

 76.9504, 66.0574,
95.9102

Harmonies

Analogous

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



33.8454, 43.1888, 21.5164



29.9411, 43.1888, 31.9575



28.8776, 43.1888, 49.9289

Triad

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



29.9411, 43.1888, 31.9575



42.0514, 43.1888, 97.8281



53.4201, 43.1888, 28.2969

Complementary

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



29.9411, 43.1888, 31.9575



33.5095, 24.3571, 35.7379

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.



56.2360, 43.1888, 44.2364



29.9411, 43.1888, 31.9575



49.2100, 43.1888, 87.3860

Square

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



29.9411, 43.1888, 31.9575



35.3814, 43.1888, 91.7584



54.6134, 43.1888, 66.2113



47.2932, 43.1888, 19.8704

Rectangle

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



29.9411, 43.1888, 31.9575



29.8061, 43.1888, 64.9319



54.6134, 43.1888, 66.2113



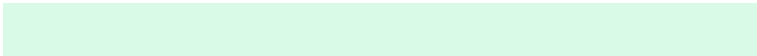
54.8155, 43.1888, 32.7565

Sweetspot

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



29.9422, 43.1906, 31.9585



77.2117, 88.8518, 88.1324



36.2292, 46.6804, 21.0112



16.1209, 18.8444, 18.3696



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



29.9422, 43.1906, 31.9585



48.7898, 75.0177, 49.8466



33.6785, 44.6851, 51.6334



10.1057, 11.3233, 11.5598



13.5953, 25.7322, 9.0281



0.6214, 1.1254, 0.5688

Inverse Universe

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



33.5095, 24.3571, 35.7379



55.9426, 37.1899, 57.3773



30.4641, 23.1389, 19.7012



10.3232, 10.1779, 11.7924



16.7916, 8.4064, 12.0808



0.7587, 0.3765, 0.6966

Previews

White Background



This preview shows how the XYZ color 29.9411, 43.1888, 31.9575 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 29.9411, 43.1888, 31.9575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

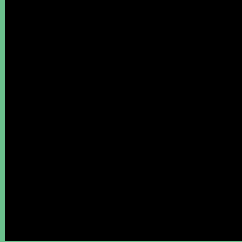
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.9411, 43.1888, 31.9575

Background



This preview shows how black text looks on a background with the XYZ color 29.9411, 43.1888, 31.9575.

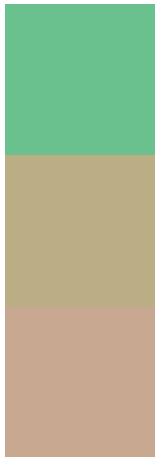


This preview shows how white text looks on a background with the XYZ color 29.9411, 43.1888,

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

29.9411, 43.1888, 31.9575

Protanopia

39.7944, 42.5028, 27.9363

Deuteranopia

43.2783, 42.4981, 33.1161



Tritanopia

35.6594, 42.9330, 61.0510

Trichromacy



Original Color

29.9411, 43.1888, 31.9575

Protanomaly

34.9976, 42.0661, 29.1967

Deuteranomaly

36.6925, 41.6734, 32.4954

Tritanomaly

33.3224, 42.9341, 49.1787

Monochromacy



Original Color

29.9411, 43.1888, 31.9575

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

31.7608, 37.8830, 36.2100

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9411, 43.1888, 31.9575 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(107, 193, 141)` looks like.

```
.text, #text, p{  
    color:rgb(107, 193, 141)  
}
```

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(107, 193, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 193, 141) }
```

Border

The CSS property to change the border of an element to XYZ 29.9411, 43.1888, 31.9575 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(107, 193, 141) }
```


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

```
.border{ border-color:rgb(107, 193, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 193, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 193, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 193, 141);  
box-shadow:4px 4px 4px 4px rgb(107, 193,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9411, 43.1888, 31.9575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 193, 141) }
```

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

```
.background{ background-color: rgb(107,  
193, 141) }
```

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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