

Converting Colors

XYZ(30.6333, 43.2898, 32.7293)

Have a look what the booklet for
XYZ(30.6333, 43.2898, 32.7293)
contains.

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Color

**XYZ(30.6176, 43.1932,
32.7100)**

Conversions

Conversions Part 1

Format	Color
Hex	71C08F
RGB	113, 192, 143
RGB Percent	44%, 75%, 56%
CMY	0.5569, 0.2470, 0.4392
CMYK	0.41, 0.00, 0.26, 0.25
HSL	143°, 39%, 60%
HSV	143°, 41%, 75%
XYZ	30.6176, 43.1932, 32.7100
YIQ	162.7930, -31.3550, -31.9870

Conversions

Conversions Part 2

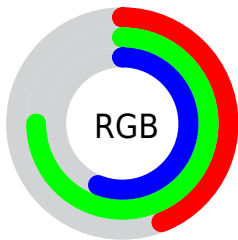
Format	Color
RYB	113, 170, 192
Decimal	7454863
CIELab	71.69, -35.20, 17.23
CIELCh	72, 39.196, 153.915
Yxy	43.1932, 0.2874, 0.4055
Android (android.graphics.Color)	4285644943 (0xFF71C08F)
YUV	162.7930, -9.7579, -43.6685
Hunter-Lab	65.7215, -31.8551, 16.4961

Details

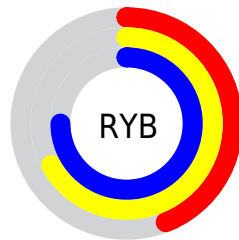
The XYZ color **30.6176, 43.1932, 32.7100** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **34.1664, 25.6263, 37.3296**, and the grayscale version is **34.7712, 36.5820, 39.8378**.

A 20% lighter version of the original color is **60.1022, 80.1074, 65.1179**, and **12.8239, 19.8795, 13.2864** is the 20% darker color. If you saturate the color by 10%, you get **27.5492, 41.7113, 28.1047**, and if you desaturate by 10%, it is **34.3067, 44.9863, 37.8462**.

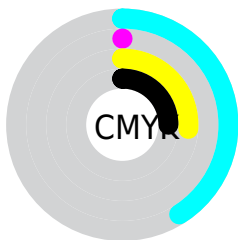
Distribution



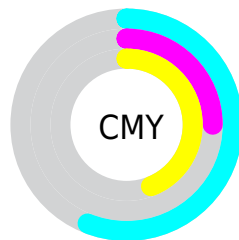
- Red (44%)
- Green (75%)
- Blue (56%)



- Red (44%)
- Yellow (67%)
- Blue (75%)



- Cyan (41%)
- Magenta (0%)
- Yellow (26%)
- Black (25%)





- Cyan (56%)
- Magenta (25%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.6176, 43.1932, 32.7100 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 30.6176, 43.1932, 32.7100 by changing the saturation by 10% instead.


 30.6176, 43.1932,
32.7100


 30.6176, 43.1932,
32.7100


296.6312,
359.4057, 328.9328


 20.4582, 30.0367,
21.6351


 60.0175, 80.0023,
65.0333

 12.8388, 19.8665,
13.3933

 79.9887, 104.4238,
87.1187

 7.3938, 12.2980,
7.5660


 103.9612,
133.3690, 113.7114

 3.7581, 6.9470,
3.7348

132.3004,
167.2224, 145.2300

 1.5662, 3.4290,
1.4810

165.3717,
206.3684, 182.0928

 0.3702, 1.3596,
0.2037

203.5403,

 0.0000, 0.1866,

251.1913, 224.7185

0.0000

247.1717,
302.0756, 273.5257

■ 0.0000, 0.0000,
0.0000

■ 30.6176, 43.1932,
32.7100

■ 30.6176, 43.1932,
32.7100

■ 27.5492, 41.7113,
28.1047

■ 34.3067, 44.9863,
37.8462

■ 25.0618, 40.5171,
24.0102

■ 38.6462, 47.1022,
43.5269

■ 23.1163, 39.5918,
20.4093


■ 43.6679, 49.5580,
49.7686


■ 21.6672, 38.9125,
17.2825


■ 49.4007, 52.3684,
56.5864


■ 20.6606, 38.4517,
14.6092


■ 55.8715, 55.5470,
63.9947

 20.0502, 38.1808,
12.6009

 63.1061, 59.1067,
72.0075

 71.1287, 63.0598,
80.6382

 75.5636, 65.1502,
89.6939

 77.3748, 65.8747,
99.2314

Harmonies

Analogous

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



34.3316, 43.1932, 22.7369



30.6176, 43.1932, 32.7100



29.5841, 43.1932, 49.5723

Triad

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



30.6176, 43.1932, 32.7100



41.9322, 43.1932, 93.7775



52.5916, 43.1932, 29.4301

Complementary

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



30.6176, 43.1932, 32.7100



34.1664, 25.6263, 37.3296

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.



55.1604, 43.1932, 44.5762



30.6176, 43.1932, 32.7100



48.6008, 43.1932, 84.3855

Square

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



30.6176, 43.1932, 32.7100



35.6900, 43.1932, 88.1277



53.6271, 43.1932, 65.0171



46.9299, 43.1932, 21.2328

Rectangle

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



30.6176, 43.1932, 32.7100



30.4499, 43.1932, 63.4720



53.6271, 43.1932, 65.0171



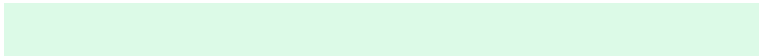
53.8716, 43.1932, 33.7051

Sweetspot

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



30.6187, 43.1950, 32.7110



78.1093, 89.2975, 88.9427



36.9429, 46.6836, 22.6869



16.4887, 19.0260, 18.7527



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.



30.6187, 43.1950, 32.7110



50.6089, 75.9096, 52.0028



34.0495, 44.5673, 50.7772



10.0991, 11.3207, 11.5254



13.5262, 25.7046, 8.6642



0.6180, 1.1241, 0.5514

Inverse Universe

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



34.1664, 25.6263, 37.3296



57.8633, 39.9314, 61.4082



31.2532, 24.4610, 21.9892



10.3299, 10.1806, 11.8278



16.9106, 8.4540, 12.7071



0.7633, 0.3783, 0.7211

Previews

White Background



This preview shows how the XYZ color 30.6176, 43.1932, 32.7100 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 30.6176, 43.1932, 32.7100 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

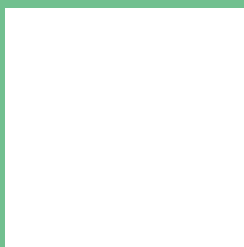
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.6176, 43.1932, 32.7100

Background



This preview shows how black text looks on a background with the XYZ color 30.6176, 43.1932, 32.7100.

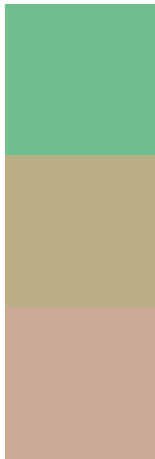


This preview shows how white text looks on a background with the XYZ color 30.6176, 43.1932,

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

30.6176, 43.1932, 32.7100

Protanopia

39.7589, 42.4605, 29.0218

Deuteranopia

43.4353, 42.5609, 33.9428



Tritanopia

36.2619, 43.2571, 60.4711

Trichromacy



Original Color

30.6176, 43.1932, 32.7100



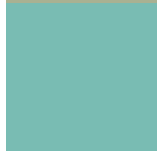
Protanomaly

35.4094, 42.2537, 30.3343



Deuteranomaly

37.2726, 41.9546, 33.3277



Tritanomaly

34.0051, 43.2861, 49.2106

Monochromacy



Original Color

30.6176, 43.1932, 32.7100



Achromatopsia

34.8123, 36.6253, 39.8849



Achromatomaly

32.8139, 38.6921, 37.1913

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6176, 43.1932, 32.7100 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(113, 192, 143)` looks like.

```
.text, #text, p{  
    color:rgb(113, 192, 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(113, 192, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 192, 143) }
```

Border

The CSS property to change the border of an element to XYZ 30.6176, 43.1932, 32.7100 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(113, 192, 143) }
```


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

```
.border{ border-color:rgb(113, 192, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 192, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 192, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 192, 143);  
box-shadow:4px 4px 4px 4px rgb(113, 192,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6176, 43.1932, 32.7100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 192, 143) }
```

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

```
.background{ background-color: rgb(113,  
192, 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](#).

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