

Converting Colors

XYZ(30.1768, 34.9839, 43.6158)

Have a look what the booklet for
XYZ(30.1768, 34.9839, 43.6158)
contains.

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Color

**XYZ(30.1928, 34.9585,
43.6844)**

Conversions

Conversions Part 1	
Format	Color
Hex	82A6AB
RGB	130, 166, 171
RGB Percent	51%, 65%, 67%
CMY	0.4902, 0.3490, 0.3294
CMYK	0.24, 0.03, 0.00, 0.33
HSL	187°, 20%, 59%
HSV	187°, 24%, 67%
XYZ	30.1928, 34.9585, 43.6844
YIQ	155.8060, -23.0610, -6.0770

Conversions

Conversions Part 2

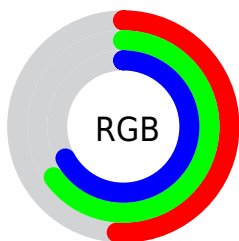
Format	Color
RYB	130, 149, 171
Decimal	8562347
CIELab	65.72, -11.07, -6.62
CIELCh	66, 12.894, 210.886
Yxy	34.9585, 0.2774, 0.3212
Android (android.graphics.Color)	4286752427 (0xFF82A6AB)
YUV	155.8060, 7.4906, -22.6319
Hunter-Lab	59.1257, -12.3182, -2.4178

Details

The XYZ color **30.1928, 34.9585, 43.6844** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.4882, 27.5977, 24.8925**, and the grayscale version is **31.4893, 33.1292, 36.0777**.

A 20% lighter version of the original color is **59.3511, 67.3942, 81.8318**, and **12.5715, 15.0288, 19.6910** is the 20% darker color. If you saturate the color by 10%, you get **27.4091, 32.9664, 43.4472**, and if you desaturate by 10%, it is **33.4206, 37.1905, 43.9457**.

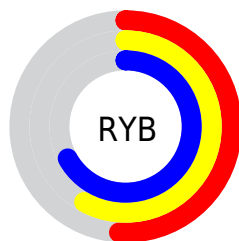
Distribution



Red (51%)

Green (65%)

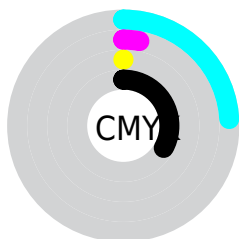
Blue (67%)



Red (51%)

Yellow (58%)

Blue (67%)

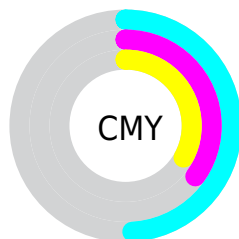


Cyan (24%)

Magenta (3%)

Yellow (0%)

Black (33%)



Cyan (49%)


Magenta (35%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.1928, 34.9585, 43.6844 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 30.1928, 34.9585, 43.6844 by changing the saturation by 10% instead.


 30.1928, 34.9585,
43.6844


 30.1928, 34.9585,
43.6844

294.6958,
324.3851, 377.4224


 20.1338, 23.6309,
30.0871

 59.3515, 67.4215,
82.0400

 12.6012, 15.0601,
19.6521


 79.1819, 89.3256,
107.6355

 7.2296, 8.8615,
11.9608


 103.0000,
115.5241, 138.0673

 3.6537, 4.6510,
6.5948

131.1714,
146.4013, 173.7542

 1.5081, 2.0440,
3.1354

164.0613,
182.3416, 215.1146

 0.3314, 0.6328,
1.1642


202.0351,


 0.0000, 0.0000,


223.7294, 262.5671


0.0000


245.4582,
270.9491, 316.5302


 30.1928, 34.9585,
43.6844


 30.1928, 34.9585,
43.6844


 27.4091, 32.9664,
43.4472


 33.4206, 37.1905,
43.9457


 25.0450, 31.1986,
43.2306


 37.1095, 39.6685,
44.2295


 23.0779, 29.6447,
43.0343

 41.2793, 42.4036,
44.5377

 21.4823, 28.2912,
42.8572

 45.9478, 45.4050,
44.8710

 20.2294, 27.1234,
42.6978

 51.1319, 48.6816,
45.2302

■ 19.2861, 26.1240,
42.5546

■ 56.8476, 52.2415,
45.6161

■ 18.6127, 25.2727,
42.4258

■ 63.1103, 56.0927,
46.0293

■ 18.2820, 24.8028,
42.3525

■ 65.4583, 57.9352,
46.2612

■ 65.8904, 58.7996,
46.4053

Harmonies

Analogous

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



29.7103, 34.9585, 38.2257



30.1928, 34.9585, 43.6844



31.4830, 34.9585, 47.9434

Triad

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



30.1928, 34.9585, 43.6844



36.5180, 34.9585, 43.3783



33.1706, 34.9585, 28.5416

Complementary

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



30.1928, 34.9585, 43.6844



29.4882, 27.5977, 24.8925

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.



35.0342, 34.9585, 29.6443



30.1928, 34.9585, 43.6844



37.0108, 34.9585, 37.9025

Square

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



30.1928, 34.9585, 43.6844



35.1356, 34.9585, 47.7552



36.4580, 34.9585, 32.9474



31.3888, 34.9585, 29.7813

Rectangle

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



30.1928, 34.9585, 43.6844



32.6523, 34.9585, 49.3429



36.4580, 34.9585, 32.9474



33.8084, 34.9585, 28.6496

Sweetspot

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



30.1938, 34.9599, 43.6852



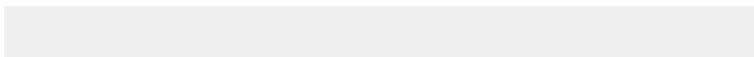
64.2893, 69.5974, 79.0471



28.1274, 35.6155, 28.2345



14.2510, 15.4631, 17.6213



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



30.1938, 34.9599, 43.6852



51.2182, 60.5826, 77.9960



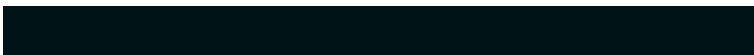
26.7925, 28.1573, 42.5514



8.1518, 8.9029, 10.2415



13.8075, 18.7489, 31.9357



0.4070, 0.5674, 0.8960

Inverse Universe

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



31.6610, 27.3771, 39.6936



54.3608, 44.6494, 69.3763



32.5930, 33.8074, 25.9274



8.2944, 8.1310, 9.8612



16.8330, 8.1958, 22.5640



0.4798, 0.2326, 0.6886

Previews

White Background



This preview shows how the XYZ color 30.1928, 34.9585, 43.6844 looks on a white background.

Color Contrast Check

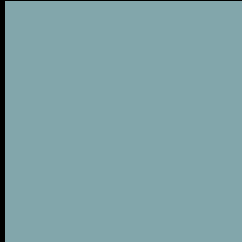
Large Text (above 18pt) WCAG AA × Fail

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 30.1928, 34.9585, 43.6844 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

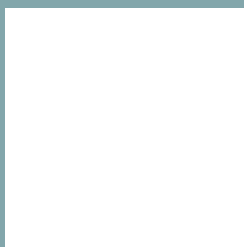
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.1928, 34.9585, 43.6844

Background



This preview shows how black text looks on a background with the XYZ color 30.1928, 34.9585, 43.6844.

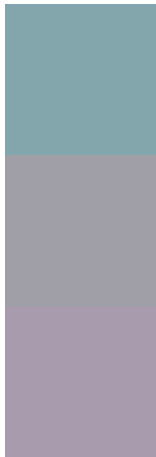


This preview shows how white text looks on a background with the XYZ color 30.1928, 34.9585,

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

30.1928, 34.9585, 43.6844

Protanopia

33.6070, 34.6805, 40.9991

Deuteranopia

35.4126, 34.7847, 44.3828



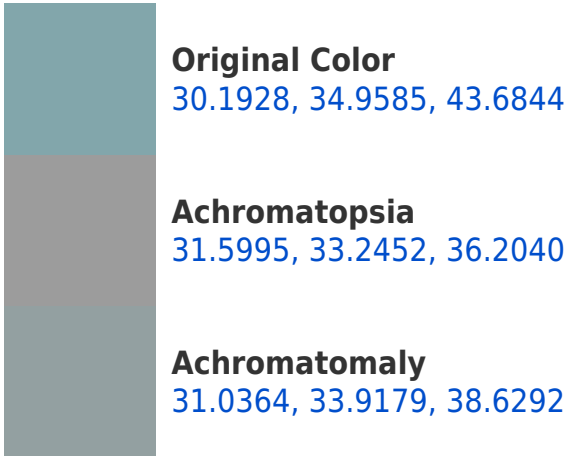
Tritanopia

30.8511, 34.9499, 47.2395

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1928, 34.9585, 43.6844 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(130, 166, 171) looks like.

```
.text, #text, p{  
    color:rgb(130, 166, 171)  
}
```

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(130, 166, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 166, 171) }
```

Border

The CSS property to change the border of an element to XYZ 30.1928, 34.9585, 43.6844 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(130, 166, 171) }
```


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

```
.border{ border-color:rgb(130, 166, 171) }
```

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

Here you see how a box with a 4 pixel rgb(130, 166, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 166, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 166, 171);  
box-shadow:4px 4px 4px 4px rgb(130, 166,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1928, 34.9585, 43.6844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 166, 171) }
```

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

```
.background{ background-color: rgb(130,  
166, 171) }
```

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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