

Converting Colors

XYZ(30.2844, 41.3609, 33.6347)

Have a look what the booklet for
XYZ(30.2844, 41.3609, 33.6347)
contains.

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Color

**XYZ(30.2947, 41.3979,
33.5880)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 75BB92 |
| RGB | 117, 187, 146 |
| RGB Percent | 46%, 73%, 57% |
| CMY | 0.5412, 0.2667, 0.4274 |
| CMYK | 0.37, 0.00, 0.22, 0.27 |
| HSL | 145°, 34%, 60% |
| HSV | 145°, 37%, 73% |
| XYZ | 30.2947, 41.3979, 33.5880 |
| YIQ | 161.3960, -28.5590, -27.5910 |

Conversions

Conversions Part 2

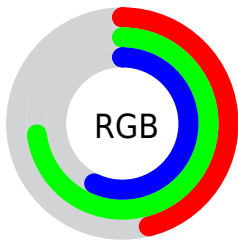
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 117, 166, 187 |
| Decimal | 7715730 |
| CIELab | 70.45, -31.10, 13.92 |
| CIELCh | 70, 34.076, 155.885 |
| Yxy | 41.3979, 0.2878, 0.3932 |
| Android (android.graphics.Color) | 4285905810 (0xFF75BB92) |
| YUV | 161.3960, -7.5902, -38.9353 |
| Hunter-Lab | 64.3412, -28.5514, 14.0877 |

Details

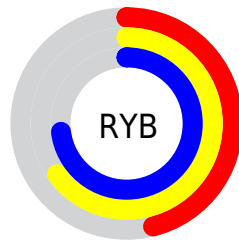
The XYZ color **30.2947, 41.3979, 33.5880** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **33.0277, 25.7568, 35.5800**, and the grayscale version is **34.1052, 35.8813, 39.0747**.

A 20% lighter version of the original color is **59.5706, 77.5294, 66.4686**, and **12.5674, 18.6913, 13.7719** is the 20% darker color. If you saturate the color by 10%, you get **27.2172, 39.9063, 29.2077**, and if you desaturate by 10%, it is **33.9580, 43.1843, 38.4237**.

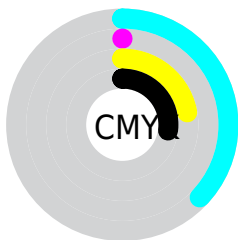
Distribution



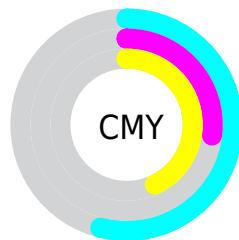
- Red (46%)
- Green (73%)
- Blue (57%)



- Red (46%)
- Yellow (65%)
- Blue (73%)



- Cyan (37%)
- Magenta (0%)
- Yellow (22%)
- Black (27%)





- Cyan (54%)
- Magenta (27%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.2947, 41.3979, 33.5880 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 30.2947, 41.3979, 33.5880 by changing the saturation by 10% instead.


 30.2947, 41.3979,
33.5880


 30.2947, 41.3979,
33.5880


295.1609,
351.9809, 333.0039


 20.2116, 28.6301,
22.3025


 59.5114, 77.2876,
66.4190

 12.6581, 18.8012,
13.8789


 79.3756, 101.1782,
88.8016

 7.2689, 11.5267,
7.8987


 103.2309,
129.5453, 115.7203

 3.6786, 6.4223,
3.9433

131.4426,
162.7732, 147.5936

 1.5220, 3.1035,
1.5943

164.3761,
201.2463, 184.8400

 0.3407, 1.1860,
0.2868

202.3968,

 0.0000, 0.0502,

245.3491, 227.8782

0.0000

245.8699,
295.4658, 277.1267

■ 0.0000, 0.0000,
0.0000

■ 30.2947, 41.3979,
33.5880

■ 30.2947, 41.3979,
33.5880

■ 27.2172, 39.9063,
29.2077

■ 33.9580, 43.1843,
38.4237

■ 24.6898, 38.6880,
25.2666

■ 38.2335, 45.2755,
43.7248

■ 22.6781, 37.7266,
21.7514


■ 43.1500, 47.6872,
49.5046

■ 21.1418, 37.0018,
18.6472


■ 48.7334, 50.4326,
55.7749


■ 20.0345, 36.4898,
15.9381


■ 55.0082, 53.5240,
62.5471


 19.2896, 36.1566,
13.6064

 61.9976, 56.9731,
69.8323

 19.1274, 36.0848,
13.0657

 69.7238, 60.7913,
77.6410

 73.8089, 62.7214,
85.7779

 75.4286, 63.3692,
94.3070

Harmonies

Analogous

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



33.3534, 41.3979, 24.3818



30.2947, 41.3979, 33.5880



29.5572, 41.3979, 48.3200

Triad

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



30.2947, 41.3979, 33.5880



40.4647, 41.3979, 83.3490



48.7567, 41.3979, 29.2744

Complementary

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



30.2947, 41.3979, 33.5880



33.0277, 25.7568, 35.5800

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.



51.0910, 41.3979, 41.9791



30.2947, 41.3979, 33.5880



46.0198, 41.3979, 75.0467

Square

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



30.2947, 41.3979, 33.5880



35.1001, 41.3979, 79.5881



50.0448, 41.3979, 58.9219



43.9244, 41.3979, 22.3373

Rectangle

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



30.2947, 41.3979, 33.5880



30.4133, 41.3979, 59.9631



50.0448, 41.3979, 58.9219



49.8795, 41.3979, 32.8813

Sweetspot

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



30.2958, 41.3996, 33.5889



73.8439, 83.7179, 84.6814



35.2807, 44.1978, 23.5015



15.9959, 18.3057, 18.3367



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



30.2958, 41.3996, 33.5889



49.6130, 71.8895, 53.5909



33.3460, 42.6197, 49.6508



9.5683, 10.7134, 10.9760



13.2125, 24.8753, 9.1819



0.5502, 0.9874, 0.5315

Inverse Universe

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



33.0277, 25.7568, 35.5800



55.2121, 39.7970, 57.6482



30.4940, 24.7434, 22.2379



9.7582, 9.6276, 11.1156



16.0785, 8.0625, 10.9727



0.6617, 0.3286, 0.5975

Previews

White Background



This preview shows how the XYZ color 30.2947, 41.3979, 33.5880 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 30.2947, 41.3979, 33.5880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

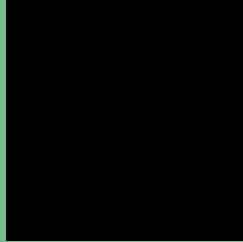
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.2947, 41.3979, 33.5880

Background



This preview shows how black text looks on a background with the XYZ color 30.2947, 41.3979, 33.5880.



This preview shows how white text looks on a background with the XYZ color 30.2947, 41.3979,

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

30.2947, 41.3979, 33.5880

Protanopia

38.4418, 40.9059, 29.9143

Deuteranopia

41.8060, 40.8804, 34.9654



Tritanopia

35.0737, 41.1718, 57.7281

Trichromacy



Original Color

30.2947, 41.3979, 33.5880

Protanomaly

34.6304, 40.6365, 31.2177

Deuteranomaly

36.3047, 40.2726, 34.2937

Tritanomaly

33.1815, 41.3264, 47.8229

Monochromacy



Original Color

30.2947, 41.3979, 33.5880

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

32.0525, 37.1695, 36.9376

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2947, 41.3979, 33.5880 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(117, 187, 146)` looks like.

```
.text, #text, p{  
    color:rgb(117, 187, 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(117, 187, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 187, 146) }
```

Border

The CSS property to change the border of an element to XYZ 30.2947, 41.3979, 33.5880 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(117, 187, 146) }
```


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

```
.border{ border-color:rgb(117, 187, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 187, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 187, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 187, 146); box-shadow:4px 4px 4px 4px rgb(117, 187, 146) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2947, 41.3979, 33.5880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 187, 146) }
```

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

```
.background{ background-color: rgb(117,  
187, 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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