

Converting Colors

XYZ(30.2707, 38.8228, 34.2707)

Have a look what the booklet for
XYZ(30.2707, 38.8228, 34.2707)
contains.

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Color

**XYZ(30.2973, 38.9222,
34.3497)**

Conversions

Conversions Part 1

Format	Color
Hex	7FB395
RGB	127, 179, 149
RGB Percent	50%, 70%, 58%
CMY	0.5020, 0.2980, 0.4157
CMYK	0.29, 0.00, 0.17, 0.30
HSL	145°, 25%, 60%
HSV	145°, 29%, 70%
XYZ	30.2973, 38.9222, 34.3497
YIQ	160.0320, -21.3620, -20.3540

Conversions

Conversions Part 2

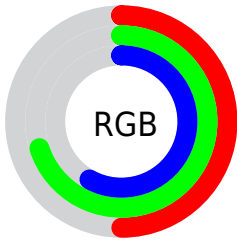
Format	Color
RYB	127, 164, 179
Decimal	8369045
CIELab	68.69, -23.51, 9.88
CIElCh	69, 25.501, 157.215
Yxy	38.9222, 0.2925, 0.3758
Android (android.graphics.Color)	4286559125 (0xFF7FB395)
YUV	160.0320, -5.4388, -28.9691
Hunter-Lab	62.3877, -22.4935, 11.0272

Details

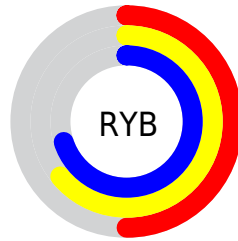
The XYZ color **30.2973, 38.9222, 34.3497** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **32.2669, 27.1976, 35.4488**, and the grayscale version is **33.4605, 35.2031, 38.3362**.

A 20% lighter version of the original color is **59.5439, 73.5522, 67.5586**, and **12.6460, 17.3401, 14.2357** is the 20% darker color. If you saturate the color by 10%, you get **27.0764, 37.3539, 30.0844**, and if you desaturate by 10%, it is **34.0672, 40.7672, 39.0241**.

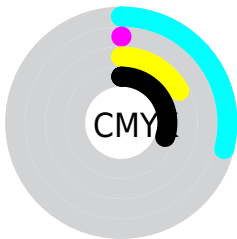
Distribution



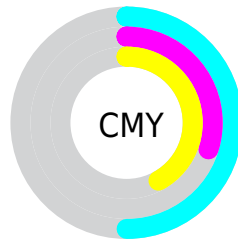
- Red (50%)
- Green (70%)
- Blue (58%)



- Red (50%)
- Yellow (64%)
- Blue (70%)



- Cyan (29%)
- Magenta (0%)
- Yellow (17%)
- Black (30%)



- Cyan (50%)
- Magenta (30%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2973, 38.9222, 34.3497 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 30.2973, 38.9222, 34.3497 by changing the saturation by 10% instead.

■ 30.2973, 38.9222,
34.3497

■ 30.2973, 38.9222,
34.3497

295.1728,
341.5596, 336.5052

■ 20.2135, 26.6992,
22.8828

■ 59.5154, 73.5195,
67.6172

■ 12.6595, 17.3474,
14.3025

■ 79.3805, 96.6625,
90.2550

■ 7.2699, 10.4825,
8.1902

■ 103.2368,
124.2144, 117.4534

■ 3.6793, 5.7200,
4.1274

131.4495,
156.5594, 149.6311

■ 1.5223, 2.6756,
1.6955

164.3842,
194.0821, 187.2066

■ 0.3410, 0.9648,
0.3576

202.4060,

■ 0.0000, 0.0000,

237.1667, 230.5984

0.0000

245.8804,
286.1978, 280.2251

■ 30.2973, 38.9222,
34.3497

■ 30.2973, 38.9222,
34.3497

■ 27.0764, 37.3539,
30.0844

■ 34.0672, 40.7672,
39.0241

■ 24.3742, 36.0437,
26.2144

■ 38.4078, 42.8966,
44.1155

■ 22.1625, 34.9784,
22.7290

■ 43.3437, 45.3242,
49.6353

■ 20.4088, 34.1414,
19.6159

■ 48.8971, 48.0609,
55.5932

■ 19.0766, 33.5142,
16.8621

■ 55.0887, 51.1174,
61.9988

■ 18.1231, 33.0750,
14.4537

■ 61.9387, 54.5039,
68.8614

■ 17.4715, 32.7844,
12.3748

■ 69.4661, 58.2300,
76.1899

■ 17.4160, 32.7598,
12.1937

■ 71.8725, 59.3064,
83.7209

■ 73.3801, 59.9094,
91.6596

Harmonies

Analogous

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



32.5009, 38.9222, 27.0433



30.2973, 38.9222, 34.3497



29.8240, 38.9222, 45.2299

Triad

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



30.2973, 38.9222, 34.3497



37.9766, 38.9222, 68.4428



43.5180, 38.9222, 30.3197

Complementary

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



30.2973, 38.9222, 34.3497



32.2669, 27.1976, 35.4488

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.



45.2308, 38.9222, 39.6518



30.2973, 38.9222, 34.3497



41.8840, 38.9222, 62.6340

Square

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



30.2973, 38.9222, 34.3497



34.0726, 38.9222, 66.3222



44.6121, 38.9222, 51.5726



40.0786, 38.9222, 25.0286

Rectangle

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



30.2973, 38.9222, 34.3497



30.5196, 38.9222, 53.3662



44.6121, 38.9222, 51.5726



44.3257, 38.9222, 33.0150

Sweetspot

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



30.2984, 38.9238, 34.3506



68.7005, 76.7821, 78.9103



33.9220, 40.9760, 26.2003



14.9580, 16.8821, 17.1809



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.



30.2984, 38.9238, 34.3506



50.3794, 67.8156, 56.4401



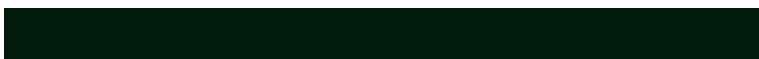
32.5789, 39.8360, 46.3599



8.5332, 9.5478, 9.8014



12.3375, 23.1610, 8.7802



0.4176, 0.7405, 0.4311

Inverse Universe

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



32.2669, 27.1976, 35.4488



54.4919, 43.3064, 58.7256



30.3003, 26.4110, 25.0927



8.6950, 8.5847, 9.8922



14.9096, 7.4814, 9.9498



0.4975, 0.2468, 0.4627

Previews

White Background



This preview shows how the XYZ color 30.2973, 38.9222, 34.3497 looks on a white background.

Color Contrast Check

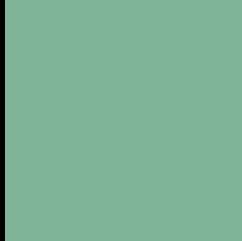
Large Text (above 18pt) WCAG AA × Fail

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 30.2973, 38.9222, 34.3497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

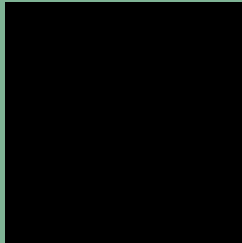
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.2973, 38.9222, 34.3497

Background



This preview shows how black text looks on a background with the XYZ color 30.2973, 38.9222, 34.3497.



This preview shows how white text looks on a background with the XYZ color 30.2973, 38.9222,

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

30.2973, 38.9222, 34.3497

Protanopia

36.4558, 38.7346, 31.5417

Deuteranopia

39.2337, 38.4810, 35.4967



Tritanopia

34.2048, 39.0538, 53.3123

Trichromacy



Original Color

30.2973, 38.9222, 34.3497

Protanomaly

33.7743, 38.4393, 32.4275

Deuteranomaly

35.3960, 38.3793, 35.2481

Tritanomaly

32.6810, 39.0122, 45.8520

Monochromacy



Original Color

30.2973, 38.9222, 34.3497

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

32.0322, 36.3336, 36.7773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2973, 38.9222, 34.3497 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(127, 179, 149)` looks like.

```
.text, #text, p{  
    color:rgb(127, 179, 149)  
}
```

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(127, 179, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 179, 149) }
```

Border

The CSS property to change the border of an element to XYZ 30.2973, 38.9222, 34.3497 is called "border". The border property can be set on classes, ids or directly on the HTML element.

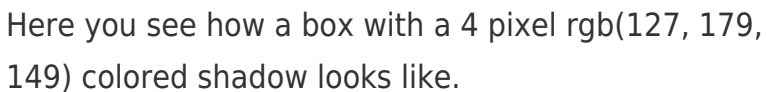
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 179, 149) }
```


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

```
.border{ border-color:rgb(127, 179, 149) }
```

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



Here you see how a box with a 4 pixel `rgb(127, 179, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 179, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 179, 149); box-shadow:4px 4px 4px 4px rgb(127, 179, 149) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2973, 38.9222, 34.3497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 179, 149) }
```

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

```
.background{ background-color: rgb(127,  
179, 149) }
```

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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