

Converting Colors

XYZ(30.7617, 39.3246, 36.9817)

Have a look what the booklet for
XYZ(30.7617, 39.3246, 36.9817)
contains.

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Color

**XYZ(30.8418, 39.4447,
36.9984)**

Conversions

Conversions Part 1

Format	Color
Hex	7EB49B
RGB	126, 180, 155
RGB Percent	49%, 71%, 61%
CMY	0.5059, 0.2941, 0.3922
CMYK	0.30, 0.00, 0.14, 0.29
HSL	152°, 26%, 60%
HSV	152°, 30%, 71%
XYZ	30.8418, 39.4447, 36.9984
YIQ	161.0040, -24.1590, -19.2230

Conversions

Conversions Part 2

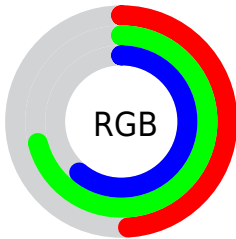
Format	Color
RYB	126, 161, 180
Decimal	8303771
CIELab	69.07, -23.10, 7.11
CIELCh	69, 24.173, 162.888
Yxy	39.4447, 0.2875, 0.3677
Android (android.graphics.Color)	4286493851 (0xFF7EB49B)
YUV	161.0040, -2.9600, -30.6985
Hunter-Lab	62.8050, -22.2524, 9.0358

Details

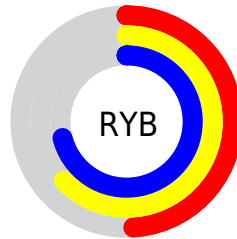
The XYZ color **30.8418, 39.4447, 36.9984** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **31.8705, 26.8603, 32.7844**, and the grayscale version is **33.9003, 35.6658, 38.8400**.

A 20% lighter version of the original color is **60.3265, 74.2977, 71.4829**, and **12.9897, 17.6741, 15.8235** is the 20% darker color. If you saturate the color by 10%, you get **27.7469, 37.9284, 33.3257**, and if you desaturate by 10%, it is **34.4648, 41.2298, 40.9497**.

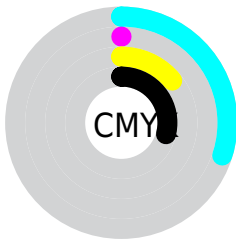
Distribution



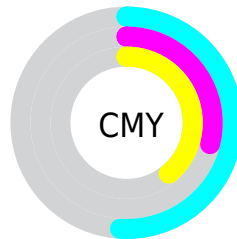
- Red (49%)
- Green (71%)
- Blue (61%)



- Red (49%)
- Yellow (63%)
- Blue (71%)



- Cyan (30%)
- Magenta (0%)
- Yellow (14%)
- Black (29%)





- Cyan (51%)
- Magenta (29%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.8418, 39.4447, 36.9984 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 30.8418, 39.4447, 36.9984 by changing the saturation by 10% instead.


 30.8418, 39.4447,
36.9984


 30.8418, 39.4447,
36.9984


297.6487,
343.7775, 348.4721

 20.6296, 27.1059,
24.9105


 60.3685, 74.3172,
71.7566

 12.9645, 17.6527,
15.7920


 80.4137, 97.6196,
95.2640

 7.4809, 10.7010,
9.2243


 104.4673,
125.3453, 123.4149

 3.8136, 5.8661,
4.7890

132.8946,
157.8788, 156.6280

 1.5972, 2.7638,
2.0674

166.0611,
195.6043, 195.3217

 0.3906, 1.0097,
0.5963

204.3321,

 0.0000, 0.0000,

238.9063, 239.9146

0.0000

248.0728,
288.1693, 290.8252

■ 30.8418, 39.4447,
36.9984

■ 30.8418, 39.4447,
36.9984

■ 27.7469, 37.9284,
33.3257

■ 34.4648, 41.2298,
40.9497

■ 25.1502, 36.6623,
29.9226

■ 38.6374, 43.2915,
45.1830

■ 23.0238, 35.6334,
26.7835


■ 43.3835, 45.6430,
49.7051


■ 21.3355, 34.8251,
23.9014


■ 48.7249, 48.2955,
54.5215


■ 20.0489, 34.2188,
21.2692


■ 54.6822, 51.2596,
59.6378


 19.1211, 33.7925,
18.8789

 61.2748, 54.5450,
65.0593

 18.4641, 33.5008,
16.7207

 68.5216, 58.1615,
70.7912

 70.7030, 59.1604,
76.5700

 71.8458, 59.6175,
82.5882

Harmonies

Analogous

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



32.6680, 39.4447, 29.1932



30.8418, 39.4447, 36.9984



30.7178, 39.4447, 47.8609

Triad

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



30.8418, 39.4447, 36.9984



39.1692, 39.4447, 67.1520



43.1902, 39.4447, 30.0574

Complementary

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



30.8418, 39.4447, 36.9984



31.8705, 26.8603, 32.7844

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.



45.1932, 39.4447, 38.3844



30.8418, 39.4447, 36.9984



42.7668, 39.4447, 60.4614

Square

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



30.8418, 39.4447, 36.9984



35.3513, 39.4447, 66.6077



45.0331, 39.4447, 49.5048



39.7153, 39.4447, 25.6827

Rectangle

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



30.8418, 39.4447, 36.9984



31.6030, 39.4447, 55.5414



45.0331, 39.4447, 49.5048



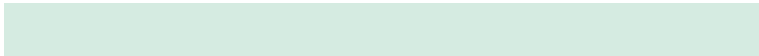
44.0683, 39.4447, 32.4194

Sweetspot

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



30.8429, 39.4463, 36.9993



70.7424, 78.8335, 82.5966



32.8881, 40.7491, 25.8711



15.0387, 16.9144, 17.6054



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.



30.8429, 39.4463, 36.9993



52.1049, 69.6483, 62.6229



32.8039, 39.6530, 49.1068



8.5734, 9.5638, 10.0130



12.9205, 23.3942, 11.8498



0.4356, 0.7477, 0.5260

Inverse Universe

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



31.8705, 26.8603, 32.7844



54.2704, 43.1376, 53.7501



30.2825, 26.5967, 23.2767



8.6546, 8.5685, 9.6794



14.2690, 7.2251, 6.5763



0.4785, 0.2392, 0.3626

Previews

White Background



This preview shows how the XYZ color 30.8418, 39.4447, 36.9984 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 30.8418, 39.4447, 36.9984 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 30.8418, 39.4447, 36.9984

Background



This preview shows how black text looks on a background with the XYZ color 30.8418, 39.4447, 36.9984.



This preview shows how white text looks on a background with the XYZ color 30.8418, 39.4447,

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

30.8418, 39.4447, 36.9984

Protanopia

36.8432, 38.8895, 33.5816

Deuteranopia

39.9174, 39.0352, 38.2316



Tritanopia

34.1881, 39.3206, 53.9318

Trichromacy



Original Color

30.8418, 39.4447, 36.9984

Protanomaly

34.2431, 38.9075, 34.9833

Deuteranomaly

35.8766, 38.8439, 37.9545

Tritanomaly

32.8639, 39.3644, 47.4610

Monochromacy



Original Color

30.8418, 39.4447, 36.9984

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

32.4734, 36.8044, 38.1933

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8418, 39.4447, 36.9984 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(126, 180, 155)` looks like.

```
.text, #text, p{  
    color:rgb(126, 180, 155)  
}
```

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(126, 180, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 180, 155) }
```

Border

The CSS property to change the border of an element to XYZ 30.8418, 39.4447, 36.9984 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(126, 180, 155) }
```


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

```
.border{ border-color:rgb(126, 180, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 180, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 180, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 180, 155);  
box-shadow:4px 4px 4px 4px rgb(126, 180,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8418, 39.4447, 36.9984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 180, 155) }
```

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

```
.background{ background-color: rgb(126,  
180, 155) }
```

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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