

Converting Colors

XYZ(38.6748, 47.3979, 30.7772)

Have a look what the booklet for
XYZ(38.6748, 47.3979, 30.7772)
contains.

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Color

**XYZ(38.6748, 47.3979,
30.7772)**

Conversions

Conversions Part 1

Format	Color
Hex	A4C089
RGB	164, 192, 137
RGB Percent	64%, 75%, 54%
CMY	0.3569, 0.2470, 0.4627
CMYK	0.15, 0.00, 0.29, 0.25
HSL	91°, 30%, 65%
HSV	91°, 29%, 75%
XYZ	38.6748, 47.3979, 30.7772
YIQ	177.3580, 0.9670, -23.0410

Conversions

Conversions Part 2

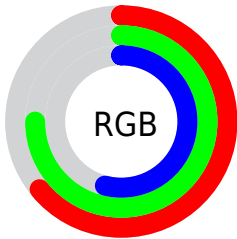
Format	Color
RYB	137, 192, 165
Decimal	10797193
CIELab	74.44, -19.33, 24.68
CIELCh	74, 31.352, 128.072
Yxy	47.3979, 0.3310, 0.4056
Android (android.graphics.Color)	4288987273 (0xFFA4C089)
YUV	177.3580, -19.8965, -11.7150
Hunter-Lab	68.8461, -20.2071, 21.6871

Details

The XYZ color **38.6748, 47.3979, 30.7772** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **33.9791, 29.6977, 53.8131**, and the grayscale version is **42.0803, 44.2718, 48.2119**.

A 20% lighter version of the original color is **72.1848, 85.9565, 62.0769**, and **17.3643, 22.2446, 12.3953** is the 20% darker color. If you saturate the color by 10%, you get **35.4781, 45.8966, 24.0667**, and if you desaturate by 10%, it is **42.2742, 49.0813, 38.7879**.

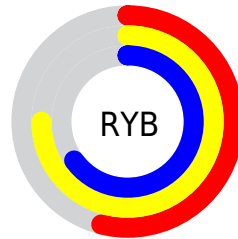
Distribution



Red (64%)

Green (75%)

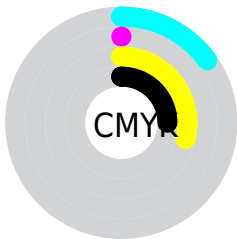
Blue (54%)



Red (54%)

Yellow (75%)

Blue (65%)

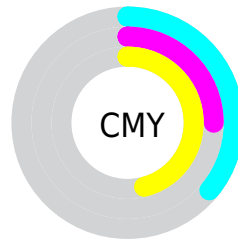


Cyan (15%)

Magenta (0%)

Yellow (29%)

Black (25%)



Cyan (36%)


Magenta (25%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.6748, 47.3979, 30.7772 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 38.6748, 47.3979, 30.7772 by changing the saturation by 10% instead.


 38.6748, 47.3979,
30.7772


 38.6748, 47.3979,
30.7772


331.7369,
376.4006, 319.8299


 26.6864, 33.3503,
20.1722


 72.4385, 86.3073,
61.9646

 17.4732, 22.3949,
12.3350


 94.9446, 111.9378,
83.3841

 10.6698, 14.1474,
6.8469


 121.6872,
142.1982, 109.2454

 5.9109, 8.2232,
3.2896

153.0318,
177.4727, 139.9673

 2.8311, 4.2381,
1.2443

189.3437,
218.1458, 175.9681

 1.0651, 1.8076,
0.0155

230.9883,

 0.0000, 0.4919,

264.6019, 217.6665

0.0000

278.3309,
317.2254, 265.4809

■ 0.0000, 0.0000,
0.0000

■ 38.6748, 47.3979,
30.7772

■ 38.6748, 47.3979,
30.7772

■ 35.4781, 45.8966,
24.0667

■ 42.2742, 49.0813,
38.7879

■ 32.6639, 44.5643,
18.5848

■ 46.2880, 50.9473,
48.1592

■ 30.2157, 43.3954,
14.2574

■ 50.7320, 53.0040,
58.9517

■ 28.1140, 42.3819,
11.0015

■ 55.6198, 55.2572,
71.2211

■ 26.3371, 41.5144,
8.7228

■ 60.9646, 57.7126,
85.0202

■ 24.8600, 40.7826,
7.3105

■ 66.7788, 60.3756,
100.3994

■ 23.6437, 40.1705,
6.5822

■ 70.3191, 62.1491,
102.8975

■ 23.4921, 40.0940,
6.5008

■ 73.5893, 63.8349,
103.0505

■ 77.0388, 65.6132,
103.2120

Harmonies

Analogous

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



43.5412, 47.3979, 26.5166



38.6748, 47.3979, 30.7772



35.7011, 47.3979, 40.8348

Triad

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



38.6748, 47.3979, 30.7772



41.1121, 47.3979, 86.2045



56.6911, 47.3979, 47.3595

Complementary

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



38.6748, 47.3979, 30.7772



33.9791, 29.6977, 53.8131

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.



55.9038, 47.3979, 64.1272



38.6748, 47.3979, 30.7772



46.5938, 47.3979, 88.9697

Square

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



38.6748, 47.3979, 30.7772



37.0241, 47.3979, 73.2815



52.0905, 47.3979, 80.1964



54.1598, 47.3979, 34.6946

Rectangle

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



38.6748, 47.3979, 30.7772



35.0372, 47.3979, 50.5681



52.0905, 47.3979, 80.1964



56.8096, 47.3979, 52.6626

Sweetspot

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



38.6760, 47.4000, 30.7782



83.4870, 92.1327, 86.3525



39.6205, 39.7446, 29.2508



17.6726, 19.6550, 17.9607



92.9021, 97.7402, 106.4391



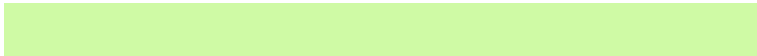
19.4759, 20.4902, 22.3138

Same Dimension

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



38.6760, 47.4000, 30.7782



66.5719, 84.2370, 48.3165



33.6829, 44.8259, 30.5446



10.4046, 11.4961, 10.7325



15.8964, 27.0237, 4.3783



0.7664, 1.2086, 0.1929

Inverse Universe

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



33.9791, 29.6977, 53.8131



56.7497, 47.2203, 96.4837



40.2002, 32.9048, 54.1042



10.0062, 9.9944, 12.6865



9.8639, 4.3454, 33.8755



0.5056, 0.2287, 1.4674

Previews

White Background



This preview shows how the XYZ color 38.6748, 47.3979, 30.7772 looks on a white background.

Color Contrast Check

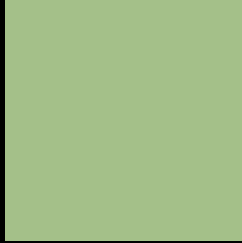
Large Text (above 18pt) WCAG AA × Fail

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 38.6748, 47.3979, 30.7772 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 38.6748, 47.3979, 30.7772

Background



This preview shows how black text looks on a background with the XYZ color 38.6748, 47.3979, 30.7772.



This preview shows how white text looks on a background with the XYZ color 38.6748, 47.3979,

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

38.6748, 47.3979, 30.7772

Protanopia

43.9321, 47.2962, 29.0039

Deuteranopia

47.8692, 46.8792, 31.7249



Tritanopia

44.6829, 47.2887, 60.8054

Trichromacy



Original Color

38.6748, 47.3979, 30.7772

Protanomaly

41.6291, 47.0294, 29.4377

Deuteranomaly

44.0224, 46.6770, 31.5003

Tritanomaly

42.1844, 47.2213, 47.9656

Monochromacy



Original Color

38.6748, 47.3979, 30.7772

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

40.2628, 44.8352, 40.7144

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6748, 47.3979, 30.7772 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(164, 192, 137)` looks like.

```
.text, #text, p{  
    color:rgb(164, 192, 137)  
}
```

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(164, 192, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 192, 137) }
```

Border

The CSS property to change the border of an element to XYZ 38.6748, 47.3979, 30.7772 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(164, 192, 137) }
```


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

```
.border{ border-color:rgb(164, 192, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 192, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 192, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 192, 137);  
box-shadow:4px 4px 4px 4px rgb(164, 192,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6748, 47.3979, 30.7772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 192, 137) }
```

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

```
.background{ background-color: rgb(164,  
192, 137) }
```

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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