

Converting Colors

XYZ(38.5940, 44.2508, 47.5890)

Have a look what the booklet for
XYZ(38.5940, 44.2508, 47.5890)
contains.

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Color

**XYZ(38.4803, 44.0695,
47.5524)**

Conversions

Conversions Part 1

Format	Color
Hex	9CB7B0
RGB	156, 183, 176
RGB Percent	61%, 72%, 69%
CMY	0.3882, 0.2823, 0.3098
CMYK	0.15, 0.00, 0.04, 0.28
HSL	164°, 16%, 66%
HSV	164°, 15%, 72%
XYZ	38.4803, 44.0695, 47.5524
YIQ	174.1290, -13.8450, -7.9010

Conversions

Conversions Part 2

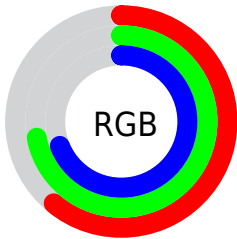
Format	Color
RYB	156, 172, 183
Decimal	10270640
CIELab	72.27, -10.61, 0.46
CIELCh	72, 10.617, 177.528
Yxy	44.0695, 0.2958, 0.3387
Android (android.graphics.Color)	4288460720 (0xFF9CB7B0)
YUV	174.1290, 0.9224, -15.8991
Hunter-Lab	66.3849, -12.7051, 3.9992

Details

The XYZ color **38.4803, 44.0695, 47.5524** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.0294, 36.4898, 39.6913**, and the grayscale version is **40.2999, 42.3987, 46.1721**.

A 20% lighter version of the original color is **72.2960, 81.4081, 88.2469**, and **17.3296, 20.3636, 22.0860** is the 20% darker color. If you saturate the color by 10%, you get **34.7412, 42.1965, 44.9695**, and if you desaturate by 10%, it is **42.7718, 46.2279, 50.2488**.

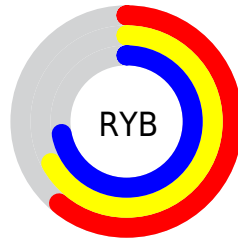
Distribution



Red (61%)

Green (72%)

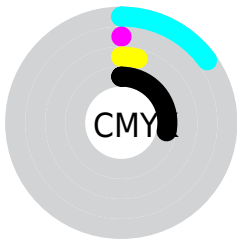
Blue (69%)



Red (61%)

Yellow (67%)

Blue (72%)

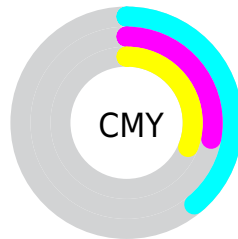


Cyan (15%)

Magenta (0%)

Yellow (4%)

Black (28%)



Cyan (39%)

Magenta (28%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.4803, 44.0695, 47.5524 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 38.4803, 44.0695, 47.5524 by changing the saturation by 10% instead.

■ 38.4803, 44.0695,
47.5524

■ 38.4803, 44.0695,
47.5524

330.9212,
362.9918, 393.4726

■ 26.5346, 30.7252,
33.1151

■ 72.1429, 81.3223,
87.8962

■ 17.3588, 20.3896,
21.9428

■ 94.5905, 105.9996,
114.6398

■ 10.5875, 12.6786,
13.6170

121.2694,
135.2232, 146.3225

■ 5.8554, 7.2076,
7.7190

152.5449,
169.3777, 183.3629

■ 2.7972, 3.5923,
3.8305

188.7826,
208.8475, 226.1796

■ 1.0474, 1.4482,
1.5328

230.3476,

■ 0.0000, 0.2518,

254.0168, 275.1911

0.2422

277.6053,
305.2701, 330.8159

■ 0.0000, 0.0000,
0.0000

■ 38.4803, 44.0695,
47.5524

■ 38.4803, 44.0695,
47.5524

■ 34.7412, 42.1965,
44.9695

■ 42.7718, 46.2279,
50.2488

■ 31.5270, 40.5909,
42.4950

■ 47.6346, 48.6776,
53.0575

■ 28.8130, 39.2413,
40.1279

■ 53.0909, 51.4313,
55.9814

■ 26.5713, 38.1334,
37.8661

■ 59.1610, 54.4996,
59.0223

■ 24.7711, 37.2513,
35.7071

■ 65.8639, 57.8920,
62.1819

■ 23.3778, 36.5772,
33.6484

■ 69.1307, 59.5112,
65.2705

■ 22.3517, 36.0905,
31.6872

■ 69.7106, 59.7431,
68.3240

■ 21.6443, 35.7665,
29.8203

■ 70.3080, 59.9821,
71.4697

■ 21.3459, 35.6332,
28.8759

■ 70.9230, 60.2281,
74.7085

Harmonies

Analogous

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



38.9976, 44.0695, 42.7921



38.4803, 44.0695, 47.5524



38.8536, 44.0695, 52.7768

Triad

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



38.4803, 44.0695, 47.5524



43.5284, 44.0695, 57.4517



43.7976, 44.0695, 40.0008

Complementary

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



38.4803, 44.0695, 47.5524



38.0294, 36.4898, 39.6913

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.



45.0738, 44.0695, 43.4909



38.4803, 44.0695, 47.5524



44.9152, 44.0695, 53.5802

Square

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



38.4803, 44.0695, 47.5524



41.7357, 44.0695, 58.7326



45.4885, 44.0695, 48.4186



42.0381, 44.0695, 38.6343

Rectangle

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



38.4803, 44.0695, 47.5524



39.5634, 44.0695, 55.7791



45.4885, 44.0695, 48.4186



44.2993, 44.0695, 40.9516

Sweetspot

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



38.4816, 44.0713, 47.5534



77.1667, 83.0746, 90.3305



38.0809, 44.0769, 37.9539



16.9070, 18.2798, 19.8691



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



38.4816, 44.0713, 47.5534



66.4332, 77.6813, 83.5014



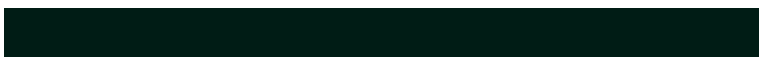
37.9219, 41.8144, 50.8742



9.1645, 10.1698, 11.0237



14.9197, 24.8688, 20.2969



0.5497, 0.8862, 0.8407

Inverse Universe

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



38.0294, 36.4898, 39.6913



65.4541, 61.2539, 66.4691



38.5039, 38.4154, 36.8388



9.0977, 9.0494, 9.8617



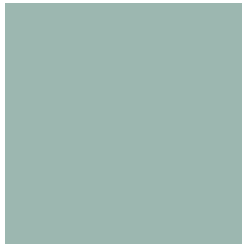
14.0122, 7.1786, 2.6850



0.5201, 0.2635, 0.2323

Previews

White Background



This preview shows how the XYZ color 38.4803, 44.0695, 47.5524 looks on a white background.

Color Contrast Check

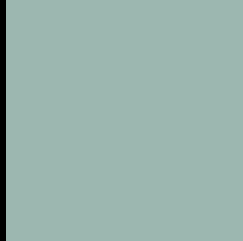
Large Text (above 18pt) WCAG AA × Fail

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 38.4803, 44.0695, 47.5524 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

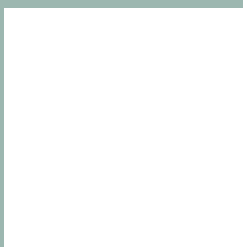
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.4803, 44.0695, 47.5524

Background



This preview shows how black text looks on a background with the XYZ color 38.4803, 44.0695, 47.5524.



This preview shows how white text looks on a background with the XYZ color 38.4803, 44.0695,

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

38.4803, 44.0695, 47.5524

Protanopia

42.0278, 43.8530, 45.2791

Deuteranopia

44.5911, 43.6776, 48.1999



Tritanopia

40.4697, 43.9536, 57.9807

Trichromacy



Original Color

38.4803, 44.0695, 47.5524

Protanomaly

40.6762, 44.0280, 45.8895

Deuteranomaly

42.0882, 43.5376, 47.7803

Tritanomaly

39.7015, 43.9477, 53.9672

Monochromacy



Original Color

38.4803, 44.0695, 47.5524

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

39.3964, 42.7549, 46.7336

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4803, 44.0695, 47.5524 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(156, 183, 176)` looks like.

```
.text, #text, p{  
    color:rgb(156, 183, 176)  
}
```

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(156, 183, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 183, 176) }
```

Border

The CSS property to change the border of an element to XYZ 38.4803, 44.0695, 47.5524 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(156, 183, 176) }
```


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

```
.border{ border-color:rgb(156, 183, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 183, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 183, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 183, 176);  
box-shadow:4px 4px 4px 4px rgb(156, 183,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4803, 44.0695, 47.5524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 183, 176) }
```

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

```
.background{ background-color: rgb(156,  
183, 176) }
```

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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