

Converting Colors

XYZ(38.0380, 47.3294, 48.7199)

Have a look what the booklet for
XYZ(38.0380, 47.3294, 48.7199)
contains.

XYZ(38.0428, 47.3333, 48.7262)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(38.0428, 47.3333,
48.7262)**

Conversions

Conversions Part 1

Format	Color
Hex	8CC2B1
RGB	140, 194, 177
RGB Percent	55%, 76%, 69%
CMY	0.4510, 0.2392, 0.3059
CMYK	0.28, 0.00, 0.09, 0.24
HSL	161°, 31%, 65%
HSV	161°, 28%, 76%
XYZ	38.0428, 47.3333, 48.7262
YIQ	175.9160, -26.7270, -16.7350

Conversions

Conversions Part 2

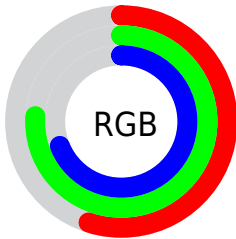
Format	Color
RYB	140, 172, 194
Decimal	9224881
CIELab	74.40, -21.19, 2.89
CIELCh	74, 21.381, 172.238
Yxy	47.3333, 0.2837, 0.3530
Android (android.graphics.Color)	4287414961 (0xFF8CC2B1)
YUV	175.9160, 0.5344, -31.4983
Hunter-Lab	68.7992, -21.6963, 6.1680

Details

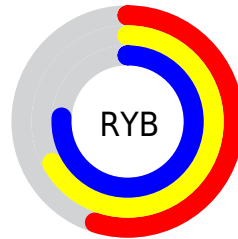
The XYZ color **38.0428, 47.3333, 48.7262** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.7136, 32.6610, 36.2166**, and the grayscale version is **41.2314, 43.3786, 47.2393**.

A 20% lighter version of the original color is **71.7108, 86.4797, 90.0035**, and **17.0407, 22.2861, 22.4723** is the 20% darker color. If you saturate the color by 10%, you get **34.4626, 45.5577, 45.4520**, and if you desaturate by 10%, it is **42.2293, 49.4208, 52.1731**.

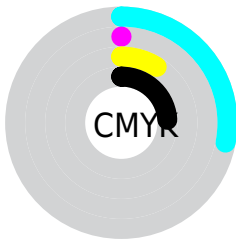
Distribution



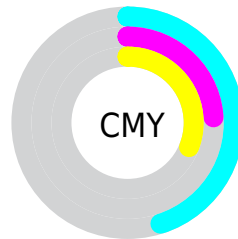
- Red (55%)
- Green (76%)
- Blue (69%)



- Red (55%)
- Yellow (67%)
- Blue (76%)



- Cyan (28%)
- Magenta (0%)
- Yellow (9%)
- Black (24%)





- Cyan (45%)
- Magenta (24%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.0428, 47.3333, 48.7262 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 38.0428, 47.3333, 48.7262 by changing the saturation by 10% instead.


 38.0428, 47.3333,
48.7262


 38.0428, 47.3333,
48.7262


329.0812,
376.1434, 398.2549

 26.1933, 33.2992,
34.0383


 71.4772, 86.2109,
89.6614

 17.1017, 22.3558,
22.6454


 93.7928, 111.8233,
116.7458

 10.4028, 14.1185,
14.1291


 120.3278,
142.0638, 148.7994

 5.7311, 8.2032,
8.0707

151.4475,
177.3169, 186.2408

 2.7214, 4.2252,
4.0518

187.5174,
217.9671, 229.4885

 1.0082, 1.8003,
1.6538

228.9027,

 0.0000, 0.4874,

264.3986, 278.9611

0.3288

275.9689,
316.9959, 335.0770

■ 0.0000, 0.0000,
0.0000

■ 38.0428, 47.3333,
48.7262

■ 38.0428, 47.3333,
48.7262

■ 34.4626, 45.5577,
45.4520

■ 42.2293, 49.4208,
52.1731

■ 31.4540, 44.0724,
42.3440

■ 47.0464, 51.8290,
55.7925

■ 28.9850, 42.8622,
39.3998

■ 52.5221, 54.5735,
59.5887

■ 27.0187, 41.9081,
36.6158

■ 58.6814, 57.6671,
63.5644

■ 25.5131, 41.1885,
33.9881

■ 65.5478, 61.1220,
67.7225

■ 24.4196, 40.6784,
31.5123

■ 72.6256, 64.6824,
72.0415

■ 23.6654, 40.3404,
29.1831

■ 73.4189, 64.9997,
76.2190

■ 23.5209, 40.2766,
28.6968

■ 74.2418, 65.3289,
80.5522

■ 75.0945, 65.6700,
85.0426

Harmonies

Analogous

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



39.3846, 47.3333, 39.6103



38.0428, 47.3333, 48.7262



38.4763, 47.3333, 59.9886

Triad

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



38.0428, 47.3333, 48.7262



47.8502, 47.3333, 73.7677



49.6781, 47.3333, 36.5233

Complementary

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



38.0428, 47.3333, 48.7262



37.7136, 32.6610, 36.2166

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.



52.1977, 47.3333, 43.9207



38.0428, 47.3333, 48.7262



51.1011, 47.3333, 65.6477

Square

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



38.0428, 47.3333, 48.7262



43.9961, 47.3333, 75.5385



52.7328, 47.3333, 54.4558



45.9965, 47.3333, 33.2499

Rectangle

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



38.0428, 47.3333, 48.7262



39.7258, 47.3333, 67.1501



52.7328, 47.3333, 54.4558



50.6975, 47.3333, 38.5551

Sweetspot

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



38.0441, 47.3352, 48.7273



84.9617, 93.7616, 100.8822



37.9510, 47.6572, 32.0102



18.2972, 20.3784, 21.8678



0.0000, 0.0000, 0.0000



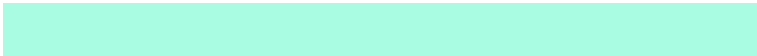
20.3446, 21.4041, 23.3091

Same Dimension

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



38.0441, 47.3352, 48.7273



65.1022, 83.8576, 84.8653



37.7156, 43.7948, 57.5066



10.2292, 11.3727, 12.2102



15.5021, 26.4949, 19.0689



0.6998, 1.1568, 0.9820

Inverse Universe

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



37.7136, 32.6610, 36.2166



64.4147, 53.1651, 58.7167



37.8736, 35.1449, 29.5992



10.2009, 10.1290, 11.1486



15.2158, 7.7761, 3.7826



0.6892, 0.3487, 0.3308

Previews

White Background



This preview shows how the XYZ color 38.0428, 47.3333, 48.7262 looks on a white background.

Color Contrast Check

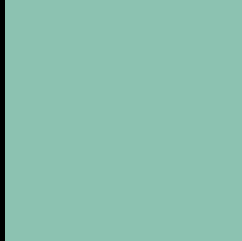
Large Text (above 18pt) WCAG AA × Fail

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 38.0428, 47.3333, 48.7262 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

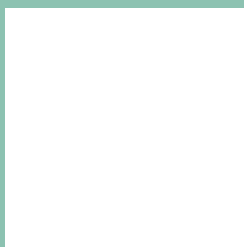
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.0428, 47.3333, 48.7262

Background



This preview shows how black text looks on a background with the XYZ color 38.0428, 47.3333, 48.7262.

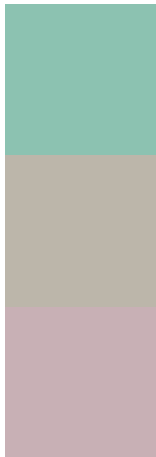


This preview shows how white text looks on a background with the XYZ color 38.0428, 47.3333,

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

38.0428, 47.3333, 48.7262

Protanopia

44.7227, 47.0495, 44.7545

Deuteranopia

47.6852, 46.6662, 50.2103



Tritanopia

41.2870, 47.3457, 64.7202

Trichromacy



Original Color

38.0428, 47.3333, 48.7262

Protanomaly

41.8963, 46.7929, 46.3589

Deuteranomaly

43.5318, 46.6272, 49.8856

Tritanomaly

39.9827, 47.1310, 58.6196

Monochromacy



Original Color

38.0428, 47.3333, 48.7262

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

39.8742, 44.7881, 47.6177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0428, 47.3333, 48.7262 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(140, 194, 177)` looks like.

```
.text, #text, p{  
    color:rgb(140, 194, 177)  
}
```

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(140, 194, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 194, 177) }
```

Border

The CSS property to change the border of an element to XYZ 38.0428, 47.3333, 48.7262 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(140, 194, 177) }
```


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

```
.border{ border-color:rgb(140, 194, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 194, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 194, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 194, 177);  
box-shadow:4px 4px 4px 4px rgb(140, 194,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0428, 47.3333, 48.7262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 194, 177) }
```

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

```
.background{ background-color: rgb(140,  
194, 177) }
```

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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