

Converting Colors

XYZ(38.1772, 46.0121, 51.3487)

Have a look what the booklet for
XYZ(38.1772, 46.0121, 51.3487)
contains.

XYZ(38.1846, 46.0440, 51.1308)	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(38.1846, 46.0440,
51.1308)**

Conversions

Conversions Part 1

Format	Color
Hex	8FBEB6
RGB	143, 190, 182
RGB Percent	56%, 75%, 71%
CMY	0.4392, 0.2549, 0.2863
CMYK	0.25, 0.00, 0.04, 0.25
HSL	170°, 27%, 65%
HSV	170°, 25%, 75%
XYZ	38.1846, 46.0440, 51.1308
YIQ	175.0350, -25.4440, -12.4520

Conversions

Conversions Part 2

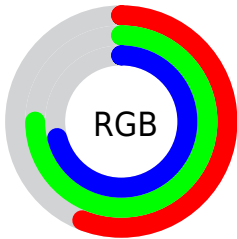
Format	Color
RYB	143, 169, 190
Decimal	9420470
CIELab	73.57, -17.16, -1.02
CIELCh	74, 17.187, 183.391
Yxy	46.0440, 0.2821, 0.3402
Android (android.graphics.Color)	4287610550 (0xFF8FBEB6)
YUV	175.0350, 3.4337, -28.0947
Hunter-Lab	67.8557, -18.2998, 2.8227

Details

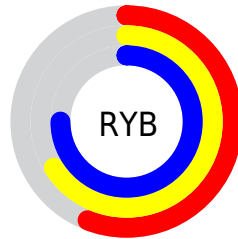
The XYZ color **38.1846, 46.0440, 51.1308** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.6451, 32.8275, 33.6849**, and the grayscale version is **40.7589, 42.8816, 46.6980**.

A 20% lighter version of the original color is **71.6771, 84.0903, 93.3422**, and **17.2225, 21.7004, 24.0498** is the 20% darker color. If you saturate the color by 10%, you get **34.8397, 44.3590, 49.2499**, and if you desaturate by 10%, it is **42.0969, 48.0230, 53.0805**.

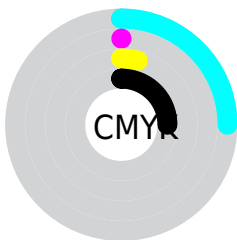
Distribution



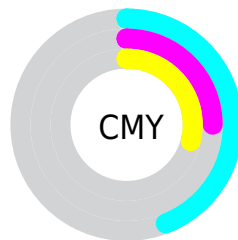
- Red (56%)
- Green (75%)
- Blue (71%)



- Red (56%)
- Yellow (66%)
- Blue (75%)



- Cyan (25%)
- Magenta (0%)
- Yellow (4%)
- Black (25%)




- Cyan (44%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.1846, 46.0440, 51.1308 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 38.1846, 46.0440, 51.1308 by changing the saturation by 10% instead.


 38.1846, 46.0440,
51.1308


 38.1846, 46.0440,
51.1308


329.6784,
370.9855, 407.9328

 26.3039, 32.2805,
35.9353

 71.6931, 84.2848,
93.2616

 17.1850, 21.5759,
24.0949


 94.0515, 109.5310,
121.0339

 10.4626, 13.5456,
15.1912


120.6332,
139.3736, 153.8355

 5.7713, 7.8053,
8.8056

151.8036,
174.1969, 192.0851

 2.7459, 3.9706,
4.5195

187.9279,
214.3853, 236.2010

 1.0208, 1.6571,
1.9144

229.3716,

 0.0000, 0.3957,

260.3233, 286.6019

0.5019

276.4999,
312.3952, 343.7064

■ 0.0000, 0.0000,
0.0000

■ 38.1846, 46.0440,
51.1308

■ 38.1846, 46.0440,
51.1308

■ 34.8397, 44.3590,
49.2499

■ 42.0969, 48.0230,
53.0805

■ 32.0303, 42.9480,
47.4332

■ 46.5989, 50.3039,
55.0974

■ 29.7270, 41.7971,
45.6800

■ 51.7164, 52.9012,
57.1840

■ 27.8963, 40.8888,
43.9884

■ 57.4724, 55.8267,
59.3415

■ 26.5002, 40.2038,
42.3563

■ 63.8888, 59.0918,
61.5714

■ 25.4953, 39.7196,
40.7815

■ 70.2454, 62.3251,
63.8401

■ 24.8285, 39.4088,
39.2613

■ 70.6311, 62.4794,
65.8712

■ 24.5561, 39.2854,
38.4804

■ 71.0249, 62.6369,
67.9448

■ 71.4268, 62.7976,
70.0612

Harmonies

Analogous

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



38.7432, 46.0440, 43.0046



38.1846, 46.0440, 51.1308



39.0628, 46.0440, 59.9218

Triad

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



38.1846, 46.0440, 51.1308



47.0594, 46.0440, 65.4481



46.4337, 46.0440, 36.6084

Complementary

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



38.1846, 46.0440, 51.1308



36.6451, 32.8275, 33.6849

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.



48.8268, 46.0440, 41.4748



38.1846, 46.0440, 51.1308



49.1997, 46.0440, 58.0109

Square

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



38.1846, 46.0440, 51.1308



44.1101, 46.0440, 68.7680



49.8608, 46.0440, 49.1504



43.4186, 46.0440, 35.2127

Rectangle

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



38.1846, 46.0440, 51.1308



40.3698, 46.0440, 64.8064



49.8608, 46.0440, 49.1504



47.3421, 46.0440, 37.8624

Sweetspot

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



38.1859, 46.0459, 51.1318



82.4027, 90.1208, 98.9603



36.2500, 45.4505, 32.8494



17.9822, 19.7326, 21.6814



92.9021, 97.7402, 106.4391



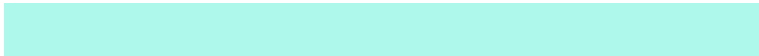
19.4759, 20.4902, 22.3138

Same Dimension

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



38.1859, 46.0459, 51.1318



65.5879, 81.6183, 90.6793



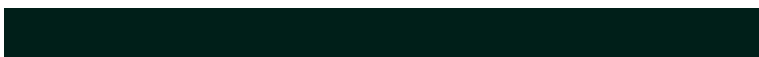
35.9760, 40.2643, 54.5932



9.7369, 10.7809, 11.8642



16.3530, 26.1315, 25.7194



0.6593, 1.0311, 1.1062

Inverse Universe

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



36.6451, 32.8275, 33.6849



62.2922, 53.3164, 53.3393



38.4016, 37.3456, 31.1716



9.5947, 9.5622, 10.2546



14.3171, 7.3580, 1.6976



0.5816, 0.2966, 0.1762

Previews

White Background



This preview shows how the XYZ color 38.1846, 46.0440, 51.1308 looks on a white background.

Color Contrast Check

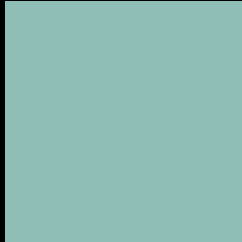
Large Text (above 18pt) WCAG AA × Fail

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 38.1846, 46.0440, 51.1308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

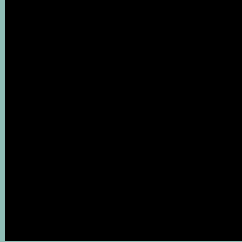
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.1846, 46.0440, 51.1308

Background



This preview shows how black text looks on a background with the XYZ color 38.1846, 46.0440, 51.1308.



This preview shows how white text looks on a background with the XYZ color 38.1846, 46.0440,

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

38.1846, 46.0440, 51.1308

Protanopia

43.7237, 45.5651, 47.5648

Deuteranopia

46.5926, 45.7648, 52.2767



Tritanopia

40.4636, 46.0080, 62.6249

Trichromacy



Original Color

38.1846, 46.0440, 51.1308

Protanomaly

41.3316, 45.5163, 48.7266

Deuteranomaly

42.8775, 45.3333, 51.8377

Tritanomaly

39.6876, 46.0176, 58.4203

Monochromacy



Original Color

38.1846, 46.0440, 51.1308

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

39.4614, 43.6434, 48.4637

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1846, 46.0440, 51.1308 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(143, 190, 182)` looks like.

```
.text, #text, p{  
    color:rgb(143, 190, 182)  
}
```

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(143, 190, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 190, 182) }
```

Border

The CSS property to change the border of an element to XYZ 38.1846, 46.0440, 51.1308 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(143, 190, 182) }
```


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

```
.border{ border-color:rgb(143, 190, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 190, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 190, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 190, 182);  
box-shadow:4px 4px 4px 4px rgb(143, 190,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1846, 46.0440, 51.1308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 190, 182) }
```

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

```
.background{ background-color: rgb(143,  
190, 182) }
```

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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