

Converting Colors

XYZ(41.5525, 49.6864, 59.8340)

Have a look what the booklet for
XYZ(41.5525, 49.6864, 59.8340)
contains.

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Color

**XYZ(41.3808, 49.4851,
59.5951)**

Conversions

Conversions Part 1

Format	Color
Hex	91C4C4
RGB	145, 196, 196
RGB Percent	57%, 77%, 77%
CMY	0.4314, 0.2314, 0.2314
CMYK	0.26, 0.00, 0.00, 0.23
HSL	180°, 30%, 67%
HSV	180°, 26%, 77%
XYZ	41.3808, 49.4851, 59.5951
YIQ	180.7510, -30.3960, -10.8120

Conversions

Conversions Part 2

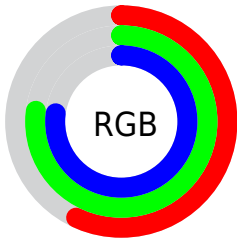
Format	Color
RYB	145, 171, 196
Decimal	9553092
CIELab	75.75, -16.53, -5.41
CIELCh	76, 17.388, 198.112
Yxy	49.4851, 0.2750, 0.3289
Android (android.graphics.Color)	4287743172 (0xFF91C4C4)
YUV	180.7510, 7.5178, -31.3536
Hunter-Lab	70.3456, -18.1023, -0.9871

Details

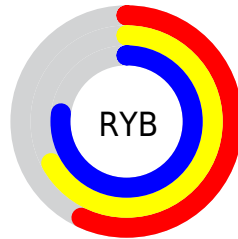
The XYZ color **41.3808, 49.4851, 59.5951** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.0029, 34.0324, 31.3560**, and the grayscale version is **43.7601, 46.0391, 50.1366**.

A 20% lighter version of the original color is **76.6743, 89.6218, 106.1861**, and **19.0697, 23.6262, 29.1464** is the 20% darker color. If you saturate the color by 10%, you get **38.2209, 47.8574, 59.4477**, and if you desaturate by 10%, it is **45.1394, 51.4240, 59.7726**.

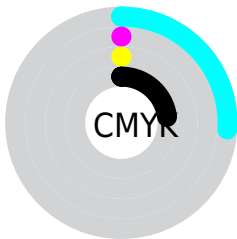
Distribution



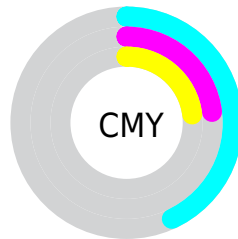
- Red (57%)
- Green (77%)
- Blue (77%)



- Red (57%)
- Yellow (67%)
- Blue (77%)



- Cyan (26%)
- Magenta (0%)
- Yellow (0%)
- Black (23%)



- Cyan (43%)
- Magenta (23%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3808, 49.4851, 59.5951 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 41.3808, 49.4851, 59.5951 by changing the saturation by 10% instead.

■ 41.3808, 49.4851,
59.5951

■ 41.3808, 49.4851,
59.5951

342.9451,
384.6489, 440.8668

■ 28.8057, 35.0044,
42.6692

■ 76.5327, 89.4115,
105.7797

■ 19.0775, 23.6663,
29.2962

■ 99.8402, 115.6261,
135.8755

■ 11.8306, 15.0863,
19.0575

127.4560,
146.5207, 171.1983

■ 6.6998, 8.8800,
11.5346

159.7453,
182.4798, 212.1667

■ 3.3197, 4.6630,
6.3089

197.0735,
223.8878, 259.1992

■ 1.3250, 2.0509,
2.9620

239.8059,

■ 0.2018, 0.6368,

271.1290, 312.7144

1.0753

288.3080,
324.5880, 373.1307

■ 0.0000, 0.0000,
0.0000

■ 41.3808, 49.4851,
59.5951

■ 41.3808, 49.4851,
59.5951

■ 38.2209, 47.8574,
59.4477

■ 45.1394, 51.4240,
59.7726

■ 35.6249, 46.5191,
59.3257

■ 49.5209, 53.6827,
59.9782

■ 33.5607, 45.4550,
59.2285

■ 54.5531, 56.2769,
60.2143

■ 31.9918, 44.6462,
59.1546

■ 60.2612, 59.2195,
60.4820

■ 30.8765, 44.0713,
59.1018

■ 66.6690, 62.5228,
60.7824

■ 30.1667, 43.7054,
59.0681

■ 70.9454, 64.7274,
60.9831

■ 29.8016, 43.5172,
59.0504

■ 70.9455, 64.7274,
60.9836

■ 29.7039, 43.4668,
59.0456

■ 70.9456, 64.7275,
60.9842

■ 70.9457, 64.7275,
60.9847

Harmonies

Analogous

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



41.2209, 49.4851, 50.3032



41.3808, 49.4851, 59.5951



43.0125, 49.4851, 68.2192

Triad

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



41.3808, 49.4851, 59.5951



51.8053, 49.4851, 66.6351



48.3236, 49.4851, 38.2980

Complementary

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



41.3808, 49.4851, 59.5951



38.0029, 34.0324, 31.3560

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.



51.2989, 49.4851, 41.7070



41.3808, 49.4851, 59.5951



53.3696, 49.4851, 57.6242

Square

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



41.3808, 49.4851, 59.5951



48.9892, 49.4851, 72.5928



53.1802, 49.4851, 48.5441



45.1317, 49.4851, 38.6971

Rectangle

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



41.3808, 49.4851, 59.5951



44.7591, 49.4851, 72.1056



53.1802, 49.4851, 48.5441



49.3849, 49.4851, 39.0190

Sweetspot

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



41.3822, 49.4871, 59.5962



87.9389, 96.3341, 108.5664



36.6797, 47.6235, 34.0482



18.5549, 20.4815, 23.2251



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.



41.3822, 49.4871, 59.5962



71.7026, 87.9640, 107.8042



36.2715, 39.2651, 57.8940



10.3686, 11.4285, 12.9442



19.0853, 27.9282, 37.9379



0.8246, 1.2067, 1.6392

Inverse Universe

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



38.0029, 34.0324, 31.3560



64.5874, 55.4238, 48.3440



42.1867, 42.4003, 32.7497



10.0733, 10.0779, 10.4763



14.6275, 7.5408, 0.6848



0.6320, 0.3258, 0.0296

Previews

White Background



This preview shows how the XYZ color 41.3808, 49.4851, 59.5951 looks on a white background.

Color Contrast Check

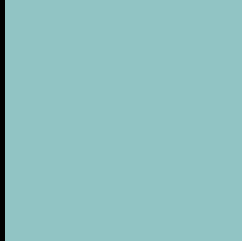
Large Text (above 18pt) WCAG AA × Fail

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 41.3808, 49.4851, 59.5951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

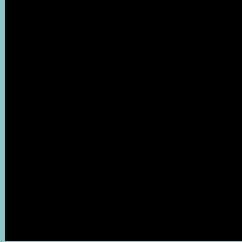
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.3808, 49.4851, 59.5951

Background



This preview shows how black text looks on a background with the XYZ color 41.3808, 49.4851, 59.5951.

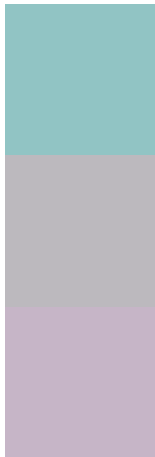


This preview shows how white text looks on a background with the XYZ color 41.3808, 49.4851,

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

41.3808, 49.4851, 59.5951

Protanopia

47.3823, 49.1070, 55.6965

Deuteranopia

50.1214, 49.1770, 60.8833



Tritanopia

43.0132, 49.4829, 67.6057

Trichromacy



Original Color

41.3808, 49.4851, 59.5951

Protanomaly

44.7253, 48.9716, 56.9644

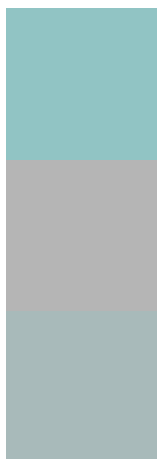
Deuteranomaly

46.3424, 48.7787, 60.3988

Tritanomaly

42.4468, 49.5929, 64.4619

Monochromacy



Original Color

41.3808, 49.4851, 59.5951

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

42.5703, 46.9878, 53.2802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3808, 49.4851, 59.5951 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(145, 196, 196)` looks like.

```
.text, #text, p{  
    color:rgb(145, 196, 196)  
}
```

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(145, 196, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 196, 196) }
```

Border

The CSS property to change the border of an element to XYZ 41.3808, 49.4851, 59.5951 is called "border". The border property can be set on classes, ids or directly on the HTML element.

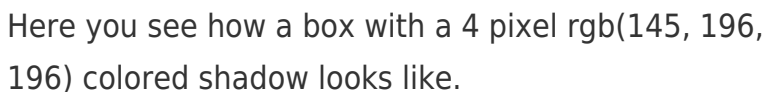
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(145, 196, 196) }
```


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

```
.border{ border-color:rgb(145, 196, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(145, 196, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 196, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 196, 196);  
box-shadow:4px 4px 4px 4px rgb(145, 196,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3808, 49.4851, 59.5951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 196, 196) }
```

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

```
.background{ background-color: rgb(145,  
196, 196) }
```

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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