

Converting Colors

XYZ(47.0936, 56.6780, 58.8660)

Have a look what the booklet for
XYZ(47.0936, 56.6780, 58.8660)
contains.

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Color

**XYZ(47.0818, 56.6434,
58.9039)**

Conversions

Conversions Part 1

Format	Color
Hex	A2D0C1
RGB	162, 208, 193
RGB Percent	64%, 82%, 76%
CMY	0.3647, 0.1843, 0.2431
CMYK	0.22, 0.00, 0.07, 0.18
HSL	160°, 33%, 73%
HSV	160°, 22%, 82%
XYZ	47.0818, 56.6434, 58.9039
YIQ	192.5360, -22.6010, -14.4170

Conversions

Conversions Part 2

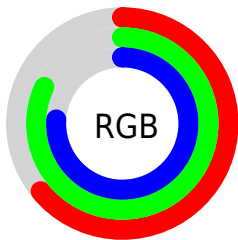
Format	Color
RYB	162, 189, 208
Decimal	10670273
CIELab	79.98, -18.08, 2.52
CIElCh	80, 18.258, 172.078
Yxy	56.6434, 0.2895, 0.3483
Android (android.graphics.Color)	4288860353 (0xFFA2D0C1)
YUV	192.5360, 0.2288, -26.7801
Hunter-Lab	75.2618, -20.0433, 6.2798

Details

The XYZ color **47.0818, 56.6434, 58.9039** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.8705, 42.4263, 47.3161**, and the grayscale version is **50.4258, 53.0519, 57.7735**.

A 20% lighter version of the original color is **81.7723, 93.2650, 103.3146**, and **22.5959, 28.2559, 29.0739** is the 20% darker color. If you saturate the color by 10%, you get **42.4618, 54.3487, 54.8283**, and if you desaturate by 10%, it is **52.4386, 59.3170, 63.1976**.

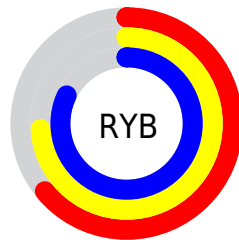
Distribution



Red (64%)

Green (82%)

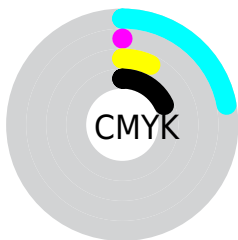
Blue (76%)



Red (64%)

Yellow (74%)

Blue (82%)

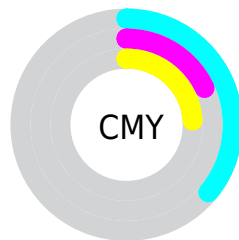


Cyan (22%)

Magenta (0%)

Yellow (7%)

Black (18%)



Cyan (36%)


Magenta (18%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.0818, 56.6434, 58.9039 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 47.0818, 56.6434, 58.9039 by changing the saturation by 10% instead.


 47.0818, 56.6434,
58.9039


 47.0818, 56.6434,
58.9039


365.7844,
412.1117, 438.2377

 33.3085, 40.7190,
42.1163


 85.0537, 99.9447,
104.7657

 22.5233, 28.0996,
28.8661


 109.9831,
128.0903, 134.6770

 14.3607, 18.4007,
18.7348


139.3619,
161.0786, 169.7999

 8.4553, 11.2381,
11.3040

173.5554,
199.2937, 210.5530

 4.4419, 6.2272,
6.1549

212.9291,
243.1202, 257.3547

 1.9550, 2.9837,
2.8692

257.8482,

 0.6085, 1.1232,

292.9425, 310.6237

1.0282

308.6782,
349.1448, 370.7785

■ 0.0000, 0.0000,
0.0000

■ 47.0818, 56.6434,
58.9039

■ 47.0818, 56.6434,
58.9039

■ 42.4618, 54.3487,
54.8283

■ 52.4386, 59.3170,
63.1976

■ 38.5391, 52.4079,
50.9630

■ 58.5598, 62.3791,
67.7094

■ 35.2774, 50.8041,
47.3051

■ 65.4775, 65.8476,
72.4444

■ 32.6355, 49.5159,
43.8500

■ 73.2205, 69.7375,
77.4062

■ 30.5671, 48.5195,
40.5931

■ 77.6510, 71.9155,
82.4033

■ 29.0191, 47.7877,
37.5292

■ 78.6056, 72.2973,
87.4304

■ 27.9282, 47.2879,
34.6528

■ 79.5975, 72.6941,
92.6539

■ 27.3030, 47.0123,
32.5113

■ 80.6272, 73.1060,
98.0760

■ 81.6950, 73.5331,
103.6988

Harmonies

Analogous

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



48.4083, 56.6434, 49.9600



47.0818, 56.6434, 58.9039



47.4988, 56.6434, 69.6708

Triad

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



47.0818, 56.6434, 58.9039



56.5618, 56.6434, 82.5929



58.3387, 56.6434, 46.9320

Complementary

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



47.0818, 56.6434, 58.9039



46.8705, 42.4263, 47.3161

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.



60.7172, 56.6434, 54.3157



47.0818, 56.6434, 58.9039



59.6589, 56.6434, 75.0917

Square

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



47.0818, 56.6434, 58.9039



52.8614, 56.6434, 84.1850



61.2111, 56.6434, 64.5317



54.8263, 56.6434, 43.5844

Rectangle

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



47.0818, 56.6434, 58.9039



48.7185, 56.6434, 76.3922



61.2111, 56.6434, 64.5317



59.3039, 56.6434, 48.9810

Sweetspot

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



47.0834, 56.6457, 58.9052



87.8619, 96.4011, 103.7451



47.2868, 57.1092, 42.7141



18.6797, 20.5706, 22.1124



0.0000, 0.0000, 0.0000



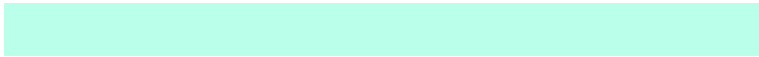
20.3446, 21.4041, 23.3091

Same Dimension

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



47.0834, 56.6457, 58.9052



70.6894, 87.8352, 89.9794



47.0188, 53.7008, 67.5644



11.9875, 13.3388, 14.2908



17.0620, 29.3177, 20.5045



0.9896, 1.6535, 1.3341

Inverse Universe

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



46.8705, 42.4263, 47.3161



70.2902, 61.0249, 68.1391



46.8481, 44.6447, 40.3314



11.9654, 11.8709, 13.0937



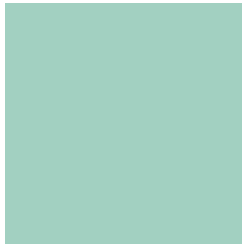
16.8993, 8.6326, 4.3758



0.9811, 0.4972, 0.4355

Previews

White Background



This preview shows how the XYZ color 47.0818, 56.6434, 58.9039 looks on a white background.

Color Contrast Check

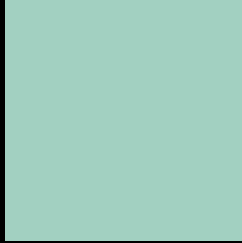
Large Text (above 18pt) WCAG AA × Fail

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 47.0818, 56.6434, 58.9039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

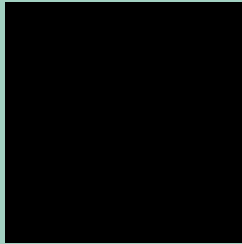
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

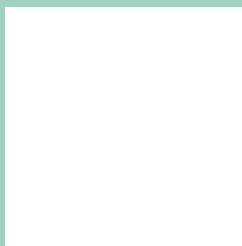
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.0818, 56.6434, 58.9039

Background



This preview shows how black text looks on a background with the XYZ color 47.0818, 56.6434, 58.9039.



This preview shows how white text looks on a background with the XYZ color 47.0818, 56.6434,

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

47.0818, 56.6434, 58.9039

Protanopia

53.8377, 56.3577, 55.0543

Deuteranopia

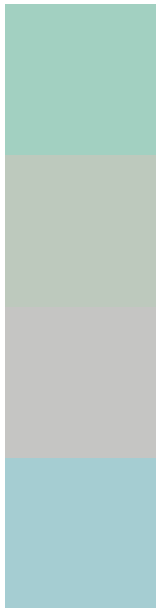
57.2099, 55.9988, 60.0181



Tritanopia

50.4475, 56.5685, 75.9701

Trichromacy



Original Color

47.0818, 56.6434, 58.9039

Protanomaly

51.0582, 56.2662, 56.3135

Deuteranomaly

52.8425, 55.7430, 59.6041

Tritanomaly

48.9812, 56.3151, 69.2611

Monochromacy



Original Color

47.0818, 56.6434, 58.9039

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

49.1111, 54.1835, 58.3221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0818, 56.6434, 58.9039 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(162, 208, 193)` looks like.

```
.text, #text, p{  
    color:rgb(162, 208, 193)  
}
```

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(162, 208, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 208, 193) }
```

Border

The CSS property to change the border of an element to XYZ 47.0818, 56.6434, 58.9039 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(162, 208, 193) }
```


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

```
.border{ border-color:rgb(162, 208, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 208, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 208, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 208, 193);  
box-shadow:4px 4px 4px 4px rgb(162, 208,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0818, 56.6434, 58.9039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 208, 193) }
```

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

```
.background{ background-color: rgb(162,  
208, 193) }
```

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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