

Converting Colors

XYZ(47.6489, 55.0892, 69.3611)

Have a look what the booklet for
XYZ(47.6489, 55.0892, 69.3611)
contains.

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Color

**XYZ(47.4860, 54.8386,
69.0549)**

Conversions

Conversions Part 1

Format	Color
Hex	A0CBD2
RGB	160, 203, 210
RGB Percent	63%, 80%, 82%
CMY	0.3725, 0.2039, 0.1765
CMYK	0.24, 0.03, 0.00, 0.18
HSL	188°, 36%, 73%
HSV	188°, 24%, 82%
XYZ	47.4860, 54.8386, 69.0549
YIQ	190.9410, -27.8750, -6.9390

Conversions

Conversions Part 2

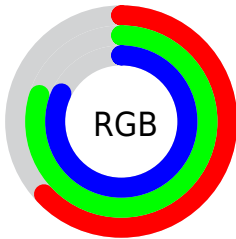
Format	Color
R _{YB}	160, 183, 210
Decimal	10537938
CIE Lab	78.95, -12.51, -8.13
CIE LCh	79, 14.923, 213.011
Yxy	54.8386, 0.2771, 0.3200
Android (android.graphics.Color)	4288728018 (0xFFA0CBD2)
YUV	190.9410, 9.3961, -27.1353
Hunter-Lab	74.0531, -15.1311, -3.4511

Details

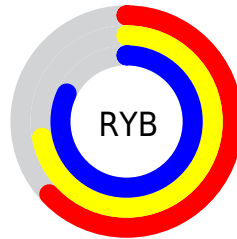
The XYZ color **47.4860, 54.8386, 69.0549** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.7428, 43.8774, 39.2644**, and the grayscale version is **49.4472, 52.0223, 56.6523**.

A 20% lighter version of the original color is **82.1289, 93.3389, 108.2953**, and **22.8116, 27.0210, 35.4658** is the 20% darker color. If you saturate the color by 10%, you get **42.9502, 51.4811, 68.6468**, and if you desaturate by 10%, it is **52.7473, 58.5925, 69.5031**.

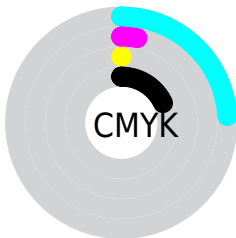
Distribution



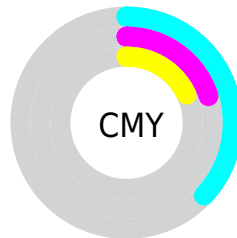
- Red (63%)
- Green (80%)
- Blue (82%)



- Red (63%)
- Yellow (72%)
- Blue (82%)



- Cyan (24%)
- Magenta (3%)
- Yellow (0%)
- Black (18%)



- Cyan (37%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.4860, 54.8386, 69.0549 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 47.4860, 54.8386, 69.0549 by changing the saturation by 10% instead.

■ 47.4860, 54.8386,
69.0549

■ 47.4860, 54.8386,
69.0549

367.3677,
405.2998, 475.9238

■ 33.6296, 39.2725,
50.2844

■ 85.6530, 97.3044,
119.5284

■ 22.7707, 26.9718,
35.2667

■ 110.6942,
124.9730, 152.0685

■ 14.5441, 17.5520,
23.5832

140.1944,
157.4445, 190.0356

■ 8.5843, 10.6289,
14.8154

174.5190,
195.1033, 233.8481

■ 4.5259, 5.8179,
8.5447

214.0332,
238.3338, 283.9246

■ 2.0038, 2.7346,
4.3527

259.1025,

■ 0.6361, 0.9948,

287.5205, 340.6837

1.8208

310.0922,
343.0477, 404.5439

■ 0.0000, 0.0000,
0.4416

■ 0.0000, 0.0000,
0.0000

■ 47.4860, 54.8386,
69.0549

■ 47.4860, 54.8386,
69.0549

■ 42.9502, 51.4811,
68.6468

■ 52.7473, 58.5925,
69.5031

■ 39.0994, 48.4947,
68.2733

■ 58.7624, 62.7532,
69.9891

■ 35.8965, 45.8616,
67.9339

■ 65.5641, 67.3391,
70.5158

■ 33.2986, 43.5597,
67.6265

■ 73.1817, 72.3655,
71.0845

■ 31.2580, 41.5642,
67.3489

■ 77.8664, 75.9000,
71.5198

■ 29.7193, 39.8463,
67.0984

■ 78.6340, 77.4351,
71.7757

■ 28.6154, 38.3716,
66.8719

■ 79.4151, 78.9973,
72.0361

■ 28.0780, 37.5432,
66.7404

■ 80.2099, 80.5869,
72.3010

■ 81.0184, 82.2039,
72.5705

Harmonies

Analogous

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



46.6336, 54.8386, 60.5717



47.4860, 54.8386, 69.0549



49.5775, 54.8386, 75.4743

Triad

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



47.4860, 54.8386, 69.0549



57.3699, 54.8386, 67.4311



51.8236, 54.8386, 44.8430

Complementary

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



47.4860, 54.8386, 69.0549



46.7428, 43.8774, 39.2644

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.



54.7530, 54.8386, 46.3093



47.4860, 54.8386, 69.0549



58.0260, 54.8386, 58.8564

Square

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



47.4860, 54.8386, 69.0549



55.2907, 54.8386, 74.4761



57.0513, 54.8386, 51.2485



49.0776, 54.8386, 47.0371

Rectangle

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



47.4860, 54.8386, 69.0549



51.4317, 54.8386, 77.4281



57.0513, 54.8386, 51.2485



52.8193, 54.8386, 44.9246

Sweetspot

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



47.4876, 54.8408, 69.0561



87.9934, 95.1868, 108.3429



44.4891, 56.3455, 44.9299



18.7101, 20.2884, 23.1799



0.0000, 0.0000, 0.0000



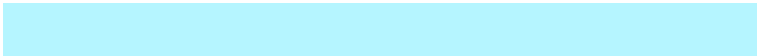
20.3446, 21.4041, 23.3091

Same Dimension

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



47.4876, 54.8408, 69.0561



69.6646, 82.1435, 106.7913



42.1179, 44.1015, 67.2663



12.0115, 13.1132, 15.1417



17.1826, 23.0117, 40.7286



1.0004, 1.3661, 2.2905

Inverse Universe

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



49.9299, 43.1563, 62.2008



74.2022, 60.8993, 93.9507



51.7010, 53.7938, 40.9172



12.2367, 11.9794, 14.5221



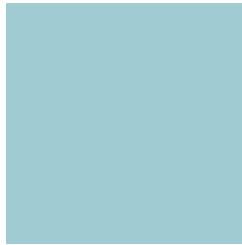
21.3037, 10.3943, 27.5691



1.2112, 0.5892, 1.6470

Previews

White Background



This preview shows how the XYZ color 47.4860, 54.8386, 69.0549 looks on a white background.

Color Contrast Check

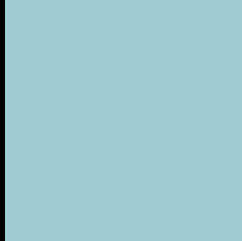
Large Text (above 18pt) WCAG AA × Fail

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 47.4860, 54.8386, 69.0549 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 47.4860, 54.8386, 69.0549

Background



This preview shows how black text looks on a background with the XYZ color 47.4860, 54.8386, 69.0549.



This preview shows how white text looks on a background with the XYZ color 47.4860, 54.8386,

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

47.4860, 54.8386, 69.0549

Protanopia

52.9558, 54.6790, 64.8898

Deuteranopia

55.8773, 54.7528, 70.5741



Tritanopia

48.6757, 54.9844, 74.3772

Trichromacy



Original Color

47.4860, 54.8386, 69.0549

Protanomaly

50.6353, 54.4560, 66.2348

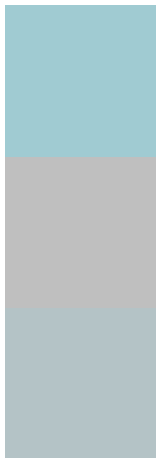
Deuteranomaly

52.3850, 54.6025, 70.0657

Tritanomaly

48.0842, 54.7244, 72.3185

Monochromacy



Original Color

47.4860, 54.8386, 69.0549

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

48.5305, 52.8107, 61.0617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4860, 54.8386, 69.0549 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(160, 203, 210)` looks like.

```
.text, #text, p{  
    color:rgb(160, 203, 210)  
}
```

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(160, 203, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 203, 210) }
```

Border

The CSS property to change the border of an element to XYZ 47.4860, 54.8386, 69.0549 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(160, 203, 210) }
```


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

```
.border{ border-color:rgb(160, 203, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 203, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 203, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 203, 210);  
box-shadow:4px 4px 4px 4px rgb(160, 203,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4860, 54.8386, 69.0549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 203, 210) }
```

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

```
.background{ background-color: rgb(160,  
203, 210) }
```

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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