

Converting Colors

XYZ(48.0036, 57.6773, 56.7636)

Have a look what the booklet for
XYZ(48.0036, 57.6773, 56.7636)
contains.

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Color

**XYZ(47.9221, 57.4905,
56.7151)**

Conversions

Conversions Part 1

Format	Color
Hex	A7D1BD
RGB	167, 209, 189
RGB Percent	65%, 82%, 74%
CMY	0.3451, 0.1804, 0.2588
CMYK	0.20, 0.00, 0.10, 0.18
HSL	151°, 31%, 74%
HSV	151°, 20%, 82%
XYZ	47.9221, 57.4905, 56.7151
YIQ	194.1620, -18.6120, -15.1240

Conversions

Conversions Part 2

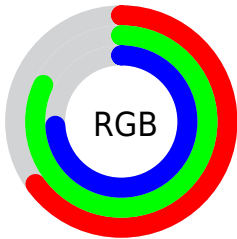
Format	Color
RYB	167, 195, 209
Decimal	10998205
CIELab	80.45, -17.80, 5.38
CIELCh	80, 18.592, 163.175
Yxy	57.4905, 0.2956, 0.3546
Android (android.graphics.Color)	4289188285 (0xFFA7D1BD)
YUV	194.1620, -2.5449, -23.8211
Hunter-Lab	75.8225, -19.8720, 8.7269

Details

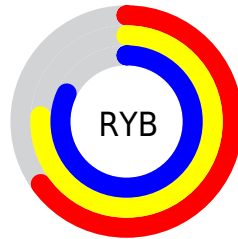
The XYZ color **47.9221, 57.4905, 56.7151** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.0849, 44.7820, 53.0730**, and the grayscale version is **51.3978, 54.0745, 58.8871**.

A 20% lighter version of the original color is **82.6729, 93.8005, 100.1342**, and **22.9390, 28.4662, 27.5781** is the 20% darker color. If you saturate the color by 10%, you get **42.8152, 54.9799, 51.0290**, and if you desaturate by 10%, it is **53.8200, 60.4034, 62.8278**.

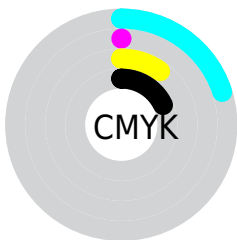
Distribution



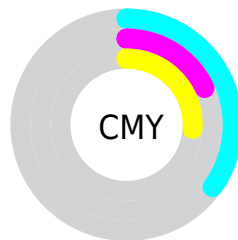
- Red (65%)
- Green (82%)
- Blue (74%)



- Red (65%)
- Yellow (76%)
- Blue (82%)



- Cyan (20%)
- Magenta (0%)
- Yellow (10%)
- Black (18%)





- Cyan (35%)
- Magenta (18%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.9221, 57.4905, 56.7151 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 47.9221, 57.4905, 56.7151 by changing the saturation by 10% instead.


 47.9221, 57.4905,
56.7151


 47.9221, 57.4905,
56.7151


369.0710,
415.2847, 429.8447

 33.9762, 41.3992,
40.3687


 86.2988, 101.1805,
101.5456

 23.0381, 28.6311,
27.5102


 111.4603,
129.5480, 130.8667

 14.7425, 18.8020,
17.7209

141.0911,
162.7764, 165.3499

 8.7240, 11.5273,
10.5825

175.5564,
201.2500, 205.4136

 4.6173, 6.4227,
5.6762

215.2217,
245.3532, 251.4764

 2.0569, 3.1037,
2.5836

260.4524,

 0.6656, 1.1861,

295.4705, 303.9568

0.8840

311.6137,
351.9862, 363.2734

■ 0.0000, 0.0503,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 47.9221, 57.4905,
56.7151

■ 47.9221, 57.4905,
56.7151

■ 42.8152, 54.9799,
51.0290

■ 53.8200, 60.4034,
62.8278

■ 38.4587, 52.8463,
45.7562

■ 60.5374, 63.7285,
69.3722

■ 34.8157, 51.0722,
40.8883

■ 68.1074, 67.4841,
76.3584

■ 31.8440, 49.6362,
36.4150

■ 76.5595, 71.6855,
83.7949

■ 29.4970, 48.5143,
32.3257

■ 79.5873, 73.0813,
91.3934

■ 27.7212, 47.6793,
28.6091

■ 81.0970, 73.6852,
99.3434

■ 26.4540, 47.0990,
25.2530

■ 82.0915, 74.0830,
104.5805

■ 25.5873, 46.7173,
22.2700

Harmonies

Analogous

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



49.7790, 57.4905, 48.5010



47.9221, 57.4905, 56.7151



47.8115, 57.4905, 67.5057

Triad

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



47.9221, 57.4905, 56.7151



56.3310, 57.4905, 85.3455



60.1653, 57.4905, 49.3029

Complementary

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



47.9221, 57.4905, 56.7151



49.0849, 44.7820, 53.0730

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.



62.0961, 57.4905, 57.9329



47.9221, 57.4905, 56.7151



59.8140, 57.4905, 79.1903

Square

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



47.9221, 57.4905, 56.7151



52.5485, 57.4905, 84.9207



61.9646, 57.4905, 68.8729



56.7924, 57.4905, 44.5751

Rectangle

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



47.9221, 57.4905, 56.7151



48.7339, 57.4905, 74.8029



61.9646, 57.4905, 68.8729



61.0114, 57.4905, 51.7975

Sweetspot

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



47.9237, 57.4929, 56.7164



88.4923, 96.7524, 102.5853



50.3444, 58.9962, 45.2940



18.7945, 20.6365, 21.8136



0.0000, 0.0000, 0.0000



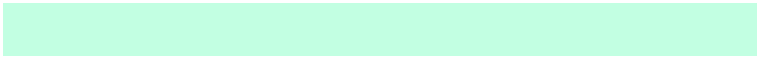
20.3446, 21.4041, 23.3091

Same Dimension

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



47.9237, 57.4929, 56.7164



71.6644, 88.4459, 85.1418



50.0760, 58.0796, 68.8956



11.9112, 13.3082, 13.8890



15.8258, 28.8233, 13.9947



0.9249, 1.6276, 0.9930

Inverse Universe

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



49.0849, 44.7820, 53.0730



73.7992, 65.0794, 78.4451



47.2185, 44.2413, 42.6108



12.0398, 11.9007, 13.4854



17.6659, 8.9392, 8.4126



1.0277, 0.5158, 0.6809

Previews

White Background



This preview shows how the XYZ color 47.9221, 57.4905, 56.7151 looks on a white background.

Color Contrast Check

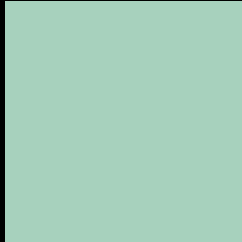
Large Text (above 18pt) WCAG AA × Fail

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 47.9221, 57.4905, 56.7151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

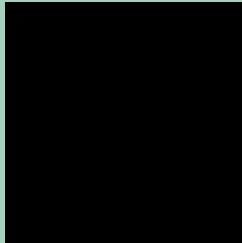
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.9221, 57.4905, 56.7151

Background



This preview shows how black text looks on a background with the XYZ color 47.9221, 57.4905, 56.7151.



This preview shows how white text looks on a background with the XYZ color 47.9221, 57.4905,

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

47.9221, 57.4905, 56.7151

Protanopia

54.1949, 56.9289, 52.9317

Deuteranopia

58.1829, 56.8772, 57.7810



Tritanopia

51.8776, 57.2904, 76.7305

Trichromacy



Original Color

47.9221, 57.4905, 56.7151

Protanomaly

51.6157, 56.9503, 54.1710

Deuteranomaly

53.6854, 56.5673, 57.3793

Tritanomaly

50.3745, 57.4040, 68.7467

Monochromacy



Original Color

47.9221, 57.4905, 56.7151

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

49.7050, 54.8430, 57.8352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9221, 57.4905, 56.7151 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(167, 209, 189)` looks like.

```
.text, #text, p{  
    color:rgb(167, 209, 189)  
}
```

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(167, 209, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 209, 189) }
```

Border

The CSS property to change the border of an element to XYZ 47.9221, 57.4905, 56.7151 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(167, 209, 189) }
```


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

```
.border{ border-color:rgb(167, 209, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 209, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 209, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 209, 189);  
box-shadow:4px 4px 4px 4px rgb(167, 209,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9221, 57.4905, 56.7151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 209, 189) }
```

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

```
.background{ background-color: rgb(167,  
209, 189) }
```

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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