

Converting Colors

XYZ(48.2716, 57.6338, 55.4176)

Have a look what the booklet for
XYZ(48.2716, 57.6338, 55.4176)
contains.

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Color

**XYZ(48.3477, 57.7348,
55.6095)**

Conversions

Conversions Part 1

Format	Color
Hex	AAD1BB
RGB	170, 209, 187
RGB Percent	67%, 82%, 73%
CMY	0.3333, 0.1804, 0.2667
CMYK	0.19, 0.00, 0.11, 0.18
HSL	146°, 30%, 74%
HSV	146°, 19%, 82%
XYZ	48.3477, 57.7348, 55.6095
YIQ	194.8310, -16.1820, -15.1100

Conversions

Conversions Part 2

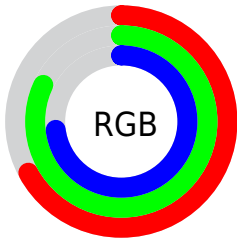
Format	Color
R_{YB}	170, 197, 209
Decimal	11194811
CIE _{Lab}	80.59, -17.21, 6.67
CIE _{LCh}	81, 18.457, 158.818
Y _{xy}	57.7348, 0.2990, 0.3571
Android (android.graphics.Color)	4289384891 (0xFFAAD1BB)
Y _{UV}	194.8310, -3.8607, -21.7768
Hunter-Lab	75.9834, -19.3927, 9.7962

Details

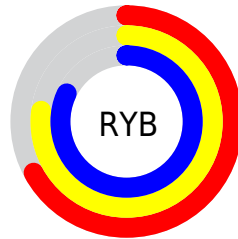
The XYZ color **48.3477, 57.7348, 55.6095** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.1857, 46.1120, 56.1272**, and the grayscale version is **51.8016, 54.4993, 59.3498**.

A 20% lighter version of the original color is **83.3017, 94.1598, 98.5782**, and **23.1948, 28.6143, 26.8549** is the 20% darker color. If you saturate the color by 10%, you get **42.9731, 55.1056, 49.0377**, and if you desaturate by 10%, it is **54.5475, 60.7806, 62.7634**.

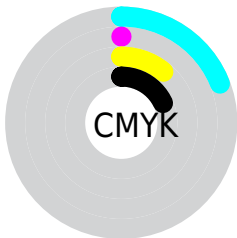
Distribution



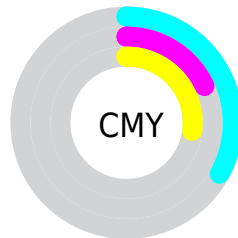
- Red (67%)
- Green (82%)
- Blue (73%)



- Red (67%)
- Yellow (77%)
- Blue (82%)



- Cyan (19%)
- Magenta (0%)
- Yellow (11%)
- Black (18%)




- Cyan (33%)
- Magenta (18%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.3477, 57.7348, 55.6095 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 48.3477, 57.7348, 55.6095 by changing the saturation by 10% instead.


 48.3477, 57.7348,
55.6095

 48.3477, 57.7348,
55.6095


370.7284,
416.1970, 425.5651

 34.3147, 41.5955,
39.4880


 86.9284, 101.5366,
99.9135

 23.2995, 28.7847,
26.8288


112.2069,
129.9678, 128.9331

 14.9367, 18.9180,
17.2134


141.9646,
163.2651, 163.0891

 8.8610, 11.6110,
10.2232

176.5668,
201.8130, 202.8002

 4.7070, 6.4794,
5.4397

216.3789,
245.9957, 248.4847

 2.1094, 3.1387,
2.4443

261.7663,

 0.6943, 1.2046,

296.1976, 300.5614

0.8104

313.0944,
352.8033, 359.4487

■ 0.0000, 0.0654,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 48.3477, 57.7348,
55.6095

■ 48.3477, 57.7348,
55.6095

■ 42.9731, 55.1056,
49.0377

■ 54.5475, 60.7806,
62.7634

■ 38.3825, 52.8673,
43.0296

■ 61.6017, 64.2530,
70.5096

■ 34.5383, 51.0024,
37.5711

■ 69.5439, 68.1707,
78.8630

■ 31.3980, 49.4892,
32.6464

■ 78.4045, 72.5491,
87.8367

■ 28.9142, 48.3038,
28.2385

■ 80.6691, 73.5141,
97.0904

■ 27.0336, 47.4189,
24.3297

■ 82.0915, 74.0830,
104.5805

■ 25.6936, 46.8026,
20.9011

■ 24.7980, 46.4057,
17.9312

■ 24.6941, 46.3601,
17.5666

Harmonies

Analogous

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



50.4264, 57.7348, 47.9443



48.3477, 57.7348, 55.6095



47.9748, 57.7348, 66.1220

Triad

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



48.3477, 57.7348, 55.6095



56.0015, 57.7348, 85.8618



60.7601, 57.7348, 50.6509

Complementary

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



48.3477, 57.7348, 55.6095



50.1857, 46.1120, 56.1272

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.



62.4075, 57.7348, 59.7136



48.3477, 57.7348, 55.6095



59.5782, 57.7348, 80.5949

Square

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



48.3477, 57.7348, 55.6095



52.2802, 57.7348, 84.4354



61.9653, 57.7348, 70.7221



57.5547, 57.7348, 45.3192

Rectangle

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



48.3477, 57.7348, 55.6095



48.7261, 57.7348, 73.4859



61.9653, 57.7348, 70.7221



61.5210, 57.7348, 53.3173

Sweetspot

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



48.3493, 57.7372, 55.6108



88.2846, 96.6693, 101.4918



51.8218, 59.7253, 46.8280



18.7454, 20.6169, 21.5553



0.0000, 0.0000, 0.0000



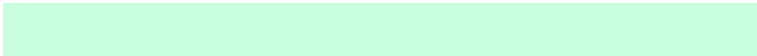
20.3446, 21.4041, 23.3091

Same Dimension

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



48.3493, 57.7372, 55.6108



72.6535, 88.9952, 83.4097



50.5692, 58.6252, 67.3008



11.8672, 13.2906, 13.6572



15.2725, 28.6019, 11.0812



0.8935, 1.6150, 0.8277

Inverse Universe

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



50.1857, 46.1120, 56.1272



76.0004, 67.8048, 84.3489



48.1751, 45.3078, 45.5397



12.0840, 11.9184, 13.7184



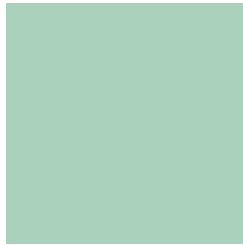
18.2754, 9.1830, 11.6223



1.0613, 0.5292, 0.8577

Previews

White Background



This preview shows how the XYZ color 48.3477, 57.7348, 55.6095 looks on a white background.

Color Contrast Check

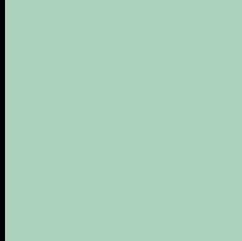
Large Text (above 18pt) WCAG AA × Fail

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 48.3477, 57.7348, 55.6095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

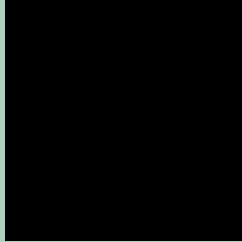
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

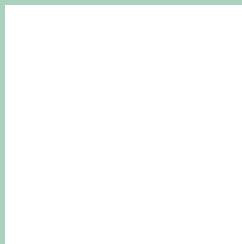
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.3477, 57.7348, 55.6095

Background



This preview shows how black text looks on a background with the XYZ color 48.3477, 57.7348, 55.6095.



This preview shows how white text looks on a background with the XYZ color 48.3477, 57.7348,

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

48.3477, 57.7348, 55.6095

Protanopia

54.5990, 57.4896, 52.4749

Deuteranopia

58.4884, 57.3872, 56.7094



Tritanopia

52.4156, 57.5831, 76.0622

Trichromacy



Original Color

48.3477, 57.7348, 55.6095

Protanomaly

52.2558, 57.6419, 53.7192

Deuteranomaly

54.2373, 57.2175, 56.3296

Tritanomaly

50.9120, 57.6954, 68.1275

Monochromacy



Original Color

48.3477, 57.7348, 55.6095

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

50.4184, 55.5534, 57.9347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3477, 57.7348, 55.6095 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(170, 209, 187)` looks like.

```
.text, #text, p{  
    color:rgb(170, 209, 187)  
}
```

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(170, 209, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 209, 187) }
```

Border

The CSS property to change the border of an element to XYZ 48.3477, 57.7348, 55.6095 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(170, 209, 187) }
```


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

```
.border{ border-color:rgb(170, 209, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 209, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 209, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 209, 187); box-shadow:4px 4px 4px 4px rgb(170, 209, 187) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3477, 57.7348, 55.6095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 209, 187) }
```

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

```
.background{ background-color: rgb(170,  
209, 187) }
```

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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