

Converting Colors

XYZ(50.5995, 61.7813, 60.8879)

Have a look what the booklet for
XYZ(50.5995, 61.7813, 60.8879)
contains.

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Color

**XYZ(50.5995, 61.7813,
60.8879)**

Conversions

Conversions Part 1

Format	Color
Hex	A7D9C3
RGB	167, 217, 195
RGB Percent	65%, 85%, 76%
CMY	0.3451, 0.1490, 0.2353
CMYK	0.23, 0.00, 0.10, 0.15
HSL	154°, 40%, 75%
HSV	154°, 23%, 85%
XYZ	50.5995, 61.7813, 60.8879
YIQ	199.5420, -22.7380, -17.4420

Conversions

Conversions Part 2

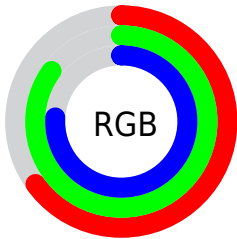
Format	Color
RYB	167, 199, 217
Decimal	11000259
CIELab	82.80, -20.61, 5.57
CIELCh	83, 21.353, 164.890
Yxy	61.7813, 0.2920, 0.3566
Android (android.graphics.Color)	4289190339 (0xFFA7D9C3)
YUV	199.5420, -2.2392, -28.5393
Hunter-Lab	78.6011, -22.6424, 9.0921

Details

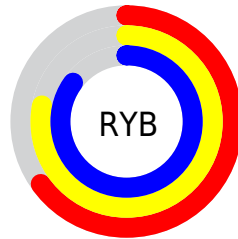
The XYZ color **50.5995, 61.7813, 60.8879** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.6214, 46.0648, 54.3173**, and the grayscale version is **54.6428, 57.4885, 62.6050**.

A 20% lighter version of the original color is **83.7621, 94.2363, 105.8701**, and **24.6675, 31.3412, 29.9486** is the 20% darker color. If you saturate the color by 10%, you get **45.3491, 59.1971, 55.1860**, and if you desaturate by 10%, it is **56.6917, 64.7948, 66.9923**.

Distribution



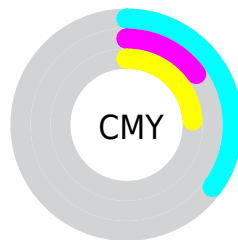
- Red (65%)
- Green (85%)
- Blue (76%)



- Red (65%)
- Yellow (78%)
- Blue (85%)



- Cyan (23%)
- Magenta (0%)
- Yellow (10%)
- Black (15%)



- Cyan (35%)
- Magenta (15%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.5995, 61.7813, 60.8879 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 50.5995, 61.7813, 60.8879 by changing the saturation by 10% instead.

■ 50.5995, 61.7813,
60.8879

■ 50.5995, 61.7813,
60.8879

379.4191,
431.1329, 445.7580

■ 36.1097, 44.8560,
43.7047

■ 90.2490, 107.4094,
107.6726

■ 24.6894, 31.3440,
30.1030

■ 116.1395,
136.8810, 138.1111

■ 15.9733, 20.8610,
19.6640

146.5608,
171.3034, 173.8052

■ 9.5960, 13.0224,
11.9694

181.8785,
211.0612, 215.1735

■ 5.1921, 7.4440,
6.6006

222.4578,
256.5386, 262.6343

■ 2.3963, 3.7413,
3.1389

268.6641,

■ 0.8433, 1.5299,

308.1201, 316.6063

1.1660

320.8627,
366.1901, 377.5081

■ 0.0000, 0.3096,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.5995, 61.7813,
60.8879

■ 50.5995, 61.7813,
60.8879

■ 45.3491, 59.1971,
55.1860

■ 56.6917, 64.7948,
66.9923

■ 40.8956, 57.0142,
49.8739


■ 63.6574, 68.2489,
73.5032


■ 37.1978, 55.2132,
44.9441


■ 71.5330, 72.1638,
80.4300


■ 34.2084, 53.7699,
40.3873


■ 80.3513, 76.5562,
87.7804


 31.8748, 52.6572,
36.1937


 82.1933, 77.3437,
95.1898

 30.1361, 51.8441,
32.3529

 83.6714, 77.9350,
102.9736

 28.9194, 51.2931,
28.8536

 84.1040, 78.1080,
105.2513

 28.2969, 51.0212,
26.6121

Harmonies

Analogous

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



52.7052, 61.7813, 50.8912



50.5995, 61.7813, 60.8879



50.5915, 61.7813, 73.9816

Triad

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



50.5995, 61.7813, 60.8879



61.0205, 61.7813, 94.7994



65.2043, 61.7813, 50.9483

Complementary

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



50.5995, 61.7813, 60.8879



51.6214, 46.0648, 54.3173

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.



67.6784, 61.7813, 60.9759



50.5995, 61.7813, 60.8879



65.1786, 61.7813, 86.8310

Square

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



50.5995, 61.7813, 60.8879



56.4486, 61.7813, 94.7677



67.6687, 61.7813, 74.0818



61.0541, 61.7813, 45.6825

Rectangle

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



50.5995, 61.7813, 60.8879



51.7696, 61.7813, 82.8022



67.6687, 61.7813, 74.0818



66.2689, 61.7813, 53.8116

Sweetspot

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



50.6012, 61.7839, 60.8893



87.5461, 96.2747, 102.0821



52.9004, 63.3013, 45.9903



18.6065, 20.5413, 21.7269



0.0000, 0.0000, 0.0000



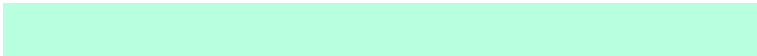
20.3446, 21.4041, 23.3091

Same Dimension

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



50.6012, 61.7839, 60.8893



68.8294, 87.0202, 83.3929



52.6361, 61.5744, 74.7595



13.1903, 14.7277, 15.4650



17.1827, 30.9057, 16.3932



1.1562, 2.0194, 1.2888

Inverse Universe

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



51.6214, 46.0648, 54.3173



70.5656, 60.2823, 72.2186



49.8733, 46.1055, 42.8307



13.2929, 13.1462, 14.8034



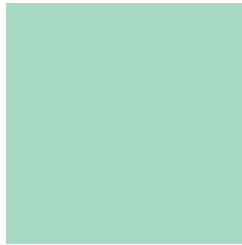
18.6372, 9.4559, 7.7354



1.2502, 0.6297, 0.7267

Previews

White Background



This preview shows how the XYZ color 50.5995, 61.7813, 60.8879 looks on a white background.

Color Contrast Check

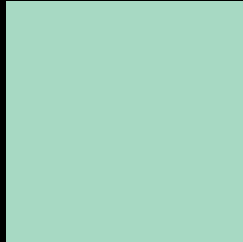
Large Text (above 18pt) WCAG AA × Fail

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 50.5995, 61.7813, 60.8879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

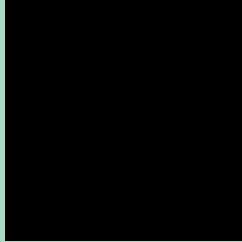
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.5995, 61.7813, 60.8879

Background



This preview shows how black text looks on a background with the XYZ color 50.5995, 61.7813, 60.8879.



This preview shows how white text looks on a background with the XYZ color 50.5995, 61.7813, 60.8879.

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

50.5995, 61.7813, 60.8879

Protanopia

58.3490, 61.4396, 56.3607

Deuteranopia

62.7271, 61.4643, 62.5906



Tritanopia

55.1419, 61.7428, 83.1400

Trichromacy



Original Color

50.5995, 61.7813, 60.8879

Protanomaly

54.9694, 61.0983, 58.1862

Deuteranomaly

57.7179, 61.3416, 62.2241

Tritanomaly

53.3655, 61.7608, 74.7540

Monochromacy



Original Color

50.5995, 61.7813, 60.8879

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.0034, 58.9112, 62.0035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5995, 61.7813, 60.8879 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, 217, 195)` looks like.

```
.text, #text, p{  
    color:rgb(167, 217, 195)  
}
```

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, 217, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 217, 195) }
```

Border

The CSS property to change the border of an element to XYZ 50.5995, 61.7813, 60.8879 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, 217, 195) }
```


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

```
.border{ border-color:rgb(167, 217, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 217, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 217, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 217, 195);  
box-shadow:4px 4px 4px 4px rgb(167, 217,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5995, 61.7813, 60.8879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 217, 195) }
```

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

```
.background{ background-color: rgb(167,  
217, 195) }
```

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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