

Converting Colors

XYZ(47.8022, 53.5943, 61.7743)

Have a look what the booklet for
XYZ(47.8022, 53.5943, 61.7743)
contains.

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Color

**XYZ(47.7365, 53.3959,
61.8233)**

Conversions

Conversions Part 1

Format	Color
Hex	ADC6C7
RGB	173, 198, 199
RGB Percent	68%, 78%, 78%
CMY	0.3216, 0.2235, 0.2196
CMYK	0.13, 0.01, 0.00, 0.22
HSL	182°, 19%, 73%
HSV	182°, 13%, 78%
XYZ	47.7365, 53.3959, 61.8233
YIQ	190.6390, -15.2210, -4.9890

Conversions

Conversions Part 2

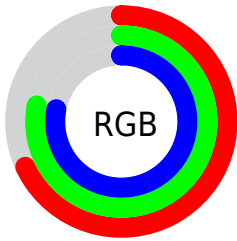
Format	Color
RYB	173, 186, 199
Decimal	11388615
CIELab	78.11, -8.20, -3.36
CIELCh	78, 8.857, 202.275
Yxy	53.3959, 0.2929, 0.3277
Android (android.graphics.Color)	4289578695 (0xFFADC6C7)
YUV	190.6390, 4.1220, -15.4694
Hunter-Lab	73.0725, -11.2671, 0.9882

Details

The XYZ color **47.7365, 53.3959, 61.8233** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.2325, 45.4314, 45.8686**, and the grayscale version is **49.2967, 51.8640, 56.4799**.

A 20% lighter version of the original color is **86.1231, 95.3980, 108.4822**, and **22.8298, 25.9839, 30.6002** is the 20% darker color. If you saturate the color by 10%, you get **43.4861, 50.9478, 61.5756**, and if you desaturate by 10%, it is **52.6463, 56.1881, 62.1043**.

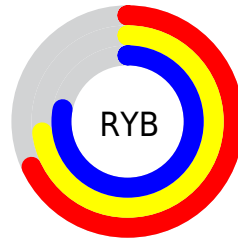
Distribution



Red (68%)

Green (78%)

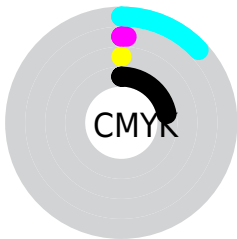
Blue (78%)



Red (68%)

Yellow (73%)

Blue (78%)

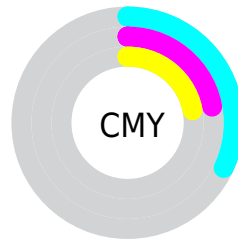


Cyan (13%)

Magenta (1%)

Yellow (0%)

Black (22%)



Cyan (32%)

Magenta (22%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.7365, 53.3959, 61.8233 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 47.7365, 53.3959, 61.8233 by changing the saturation by 10% instead.

■ 47.7365, 53.3959,
61.8233

■ 47.7365, 53.3959,
61.8233

368.3467,
399.8022, 449.2761

■ 33.8286, 38.1189,
44.4551

■ 86.0240, 95.1867,
109.0392

■ 22.9243, 26.0750,
30.6886

111.1344,
122.4693, 139.7240

■ 14.6580, 16.8798,
20.1054

140.7097,
154.5225, 175.6847

■ 8.6644, 10.1488,
12.2868

175.1152,
191.7308, 217.3399

■ 4.5783, 5.4977,
6.8144

214.7163,
234.4785, 265.1081

■ 2.0342, 2.5421,
3.2696

259.8783,

■ 0.6531, 0.8977,

283.1500, 319.4078

1.2339

310.9667,
338.1298, 380.6576

■ 0.0000, 0.0000,
0.0067

■ 0.0000, 0.0000,
0.0000

■ 47.7365, 53.3959,
61.8233

■ 47.7365, 53.3959,
61.8233

■ 43.4861, 50.9478,
61.5756

■ 52.6463, 56.1881,
62.1043

■ 39.8615, 48.8222,
61.3564

■ 58.2380, 59.3317,
62.4164

■ 36.8334, 47.0054,
61.1653

■ 64.5386, 62.8421,
62.7619

■ 34.3680, 45.4800,
61.0008

■ 71.5725, 66.7318,
63.1419

■ 32.4283, 44.2268,
60.8612

■ 72.6275, 67.5406,
63.2424

■ 30.9729, 43.2247,
60.7444

■ 72.8068, 67.8992,
63.3022

■ 29.9539, 42.4488,
60.6484

■ 72.9870, 68.2597,
63.3623

■ 29.3142, 41.8697,
60.5703

■ 73.1681, 68.6219,
63.4227

■ 29.0202, 41.5460,
60.5233

■ 73.3501, 68.9859,
63.4833

Harmonies

Analogous

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



47.5276, 53.3959, 56.8686



47.7365, 53.3959, 61.8233



48.7441, 53.3959, 65.9998

Triad

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



47.7365, 53.3959, 61.8233



53.4264, 53.3959, 64.1616



51.1994, 53.3959, 49.2054

Complementary

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



47.7365, 53.3959, 61.8233



46.2325, 45.4314, 45.8686

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.



52.8127, 53.3959, 50.9287



47.7365, 53.3959, 61.8233



54.1174, 53.3959, 59.4283

Square

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



47.7365, 53.3959, 61.8233



52.0218, 53.3959, 67.4023



53.8902, 53.3959, 54.6042



49.5014, 53.3959, 49.7659

Rectangle

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



47.7365, 53.3959, 61.8233



49.7458, 53.3959, 67.6881



53.8902, 53.3959, 54.6042



51.7701, 53.3959, 49.5332

Sweetspot

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



47.7380, 53.3981, 61.8245



91.2718, 97.8672, 108.6875



45.2850, 52.7828, 47.7787



19.3885, 20.8642, 23.2553



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.



47.7380, 53.3981, 61.8245



81.1027, 92.0718, 108.1048



44.9202, 47.7625, 60.8852



10.9105, 11.9951, 13.6577



18.6756, 26.7452, 38.9224



0.8954, 1.2886, 1.8467

Inverse Universe

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



48.6911, 46.1077, 59.7620



83.1362, 76.5740, 103.6908



48.8390, 50.6443, 46.7375



11.0649, 10.8093, 13.3248



21.2259, 10.2399, 32.7293



1.0107, 0.4871, 1.5793

Previews

White Background



This preview shows how the XYZ color 47.7365, 53.3959, 61.8233 looks on a white background.

Color Contrast Check

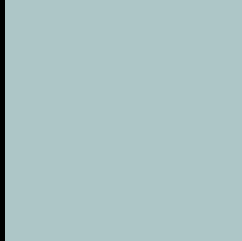
Large Text (above 18pt) WCAG AA × Fail

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 47.7365, 53.3959, 61.8233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

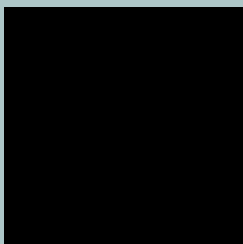
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

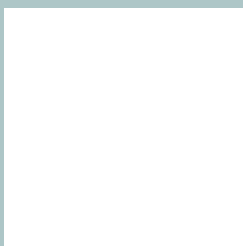
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.7365, 53.3959, 61.8233

Background



This preview shows how black text looks on a background with the XYZ color 47.7365, 53.3959, 61.8233.



This preview shows how white text looks on a background with the XYZ color 47.7365, 53.3959,

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

47.7365, 53.3959, 61.8233

Protanopia

51.2056, 53.2415, 59.2076

Deuteranopia

54.3254, 53.1676, 62.6575



Tritanopia

49.3028, 53.3473, 69.9859

Trichromacy



Original Color

47.7365, 53.3959, 61.8233

Protanomaly

49.7491, 53.1339, 59.8584

Deuteranomaly

51.5618, 53.0338, 62.1625

Tritanomaly

48.6843, 53.4362, 66.7798

Monochromacy



Original Color

47.7365, 53.3959, 61.8233

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

48.7966, 52.6690, 58.6332

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.7365, 53.3959, 61.8233 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(173, 198, 199)` looks like.

```
.text, #text, p{  
    color:rgb(173, 198, 199)  
}
```

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(173, 198, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 198, 199) }
```

Border

The CSS property to change the border of an element to XYZ 47.7365, 53.3959, 61.8233 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(173, 198, 199) }
```


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

```
.border{ border-color:rgb(173, 198, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 198, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 198, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 198, 199);  
box-shadow:4px 4px 4px 4px rgb(173, 198,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 47.7365, 53.3959, 61.8233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 198, 199) }
```

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

```
.background{ background-color: rgb(173,  
198, 199) }
```

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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