

Converting Colors

XYZ(47.3703, 59.4701, 55.9871)

Have a look what the booklet for
XYZ(47.3703, 59.4701, 55.9871)
contains.

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Color

**XYZ(47.3706, 59.4578,
55.9935)**

Conversions

Conversions Part 1

Format	Color
Hex	9ED7BB
RGB	158, 215, 187
RGB Percent	62%, 84%, 73%
CMY	0.3804, 0.1568, 0.2667
CMYK	0.27, 0.00, 0.13, 0.16
HSL	151°, 42%, 73%
HSV	151°, 27%, 84%
XYZ	47.3706, 59.4578, 55.9935
YIQ	194.7650, -24.9840, -20.7920

Conversions

Conversions Part 2

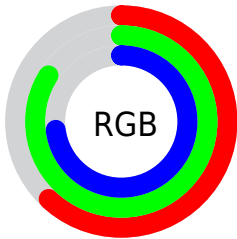
Format	Color
RYB	158, 196, 215
Decimal	10409915
CIELab	81.54, -24.02, 7.94
CIElCh	82, 25.297, 161.702
Yxy	59.4578, 0.2909, 0.3652
Android (android.graphics.Color)	4288599995 (0xFF9ED7BB)
YUV	194.7650, -3.8281, -32.2429
Hunter-Lab	77.1089, -25.2819, 10.9221

Details

The XYZ color **47.3706, 59.4578, 55.9935** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **49.1161, 42.4474, 52.0613**, and the grayscale version is **51.7659, 54.4618, 59.3088**.

A 20% lighter version of the original color is **79.6692, 92.2872, 98.4082**, and **22.6996, 29.8661, 27.1226** is the 20% darker color. If you saturate the color by 10%, you get **42.4165, 57.0314, 50.0752**, and if you desaturate by 10%, it is **53.1510, 62.3038, 62.3871**.

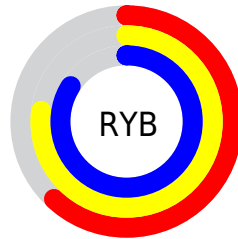
Distribution



Red (62%)

Green (84%)

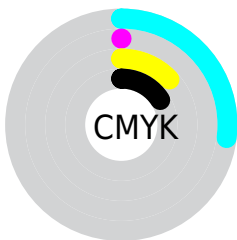
Blue (73%)



Red (62%)

Yellow (77%)

Blue (84%)

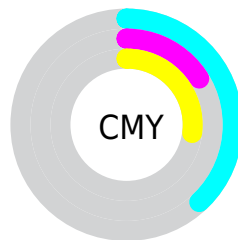


Cyan (27%)

Magenta (0%)

Yellow (13%)

Black (16%)



Cyan (38%)


Magenta (16%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.3706, 59.4578, 55.9935 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 47.3706, 59.4578, 55.9935 by changing the saturation by 10% instead.


 47.3706, 59.4578,
55.9935


 47.3706, 59.4578,
55.9935


366.9161,
422.5963, 427.0546

 33.5379, 42.9818,
39.7938


 85.4819, 104.0427,
100.4808

 22.7000, 29.8708,
27.0652


 110.4913,
132.9204, 129.6054

 14.4916, 19.7405,
17.3893

139.9569,
166.7008, 163.8754

 8.5474, 12.2066,
10.3476

174.2441,
205.7682, 203.7092

 4.5019, 6.8845,
5.5214

213.7182,
250.5070, 249.5256

 1.9898, 3.3900,
2.4923

258.7447,

 0.6282, 1.3386,

301.3018, 301.7429

0.8361

309.6889,
358.5367, 360.7797

■ 0.0000, 0.1708,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 47.3706, 59.4578,
55.9935

■ 47.3706, 59.4578,
55.9935

■ 42.4165, 57.0314,
50.0752

■ 53.1510, 62.3038,
62.3871

■ 38.2436, 54.9966,
44.6172

■ 59.7903, 65.5812,
69.2629

■ 34.8095, 53.3336,
39.6091

■ 67.3252, 69.3103,
76.6325

■ 32.0658, 52.0175,
35.0387

■ 75.7888, 73.5079,
84.5060

■ 29.9581, 51.0205,
30.8931

■ 81.2418, 76.1432,
92.7072

■ 28.4229, 50.3101,
27.1587

■ 82.8556, 76.7887,
101.2054

■ 27.3798, 49.8452,
23.8205

■ 83.5915, 77.0831,
105.0805

■ 27.0825, 49.7155,
22.7450

Harmonies

Analogous

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



49.9948, 59.4578, 45.2854



47.3706, 59.4578, 55.9935



47.1010, 59.4578, 70.8471

Triad

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



47.3706, 59.4578, 55.9935



58.6071, 59.4578, 97.7671



64.4762, 59.4578, 47.1845

Complementary

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



47.3706, 59.4578, 55.9935



49.1161, 42.4474, 52.0613

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.



67.1017, 59.4578, 58.9933



47.3706, 59.4578, 55.9935



63.5742, 59.4578, 89.0927

Square

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



47.3706, 59.4578, 55.9935



53.3703, 59.4578, 96.6263



66.7616, 59.4578, 74.3517



59.7764, 59.4578, 40.7750

Rectangle

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



47.3706, 59.4578, 55.9935



48.2708, 59.4578, 81.3369



66.7616, 59.4578, 74.3517



65.6435, 59.4578, 50.5690

Sweetspot

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



47.3722, 59.4603, 55.9948



86.3672, 95.7054, 100.2899



50.8454, 61.5740, 41.5537



18.1572, 20.3224, 21.1309



0.0000, 0.0000, 0.0000



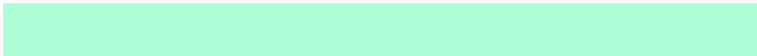
20.3446, 21.4041, 23.3091

Same Dimension

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



47.3722, 59.4603, 55.9948



65.3368, 85.3518, 77.2629



50.6687, 60.7789, 73.3538



12.5234, 14.0004, 14.5708



16.2516, 29.7560, 13.8865



1.0220, 1.8115, 1.0576

Inverse Universe

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



49.1161, 42.4474, 52.0613



68.3325, 56.1296, 70.5074



46.4245, 41.3707, 37.8871



12.6750, 12.5215, 14.2287



18.3594, 9.2801, 9.1968



1.1491, 0.5764, 0.7746

Previews

White Background



This preview shows how the XYZ color 47.3706, 59.4578, 55.9935 looks on a white background.

Color Contrast Check

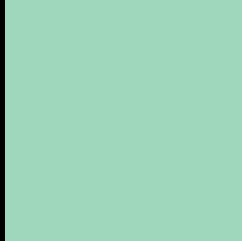
Large Text (above 18pt) WCAG AA × Fail

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 47.3706, 59.4578, 55.9935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

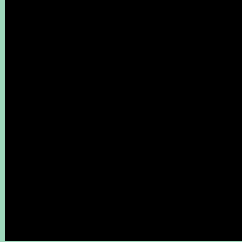
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.3706, 59.4578, 55.9935

Background



This preview shows how black text looks on a background with the XYZ color 47.3706, 59.4578, 55.9935.



This preview shows how white text looks on a background with the XYZ color 47.3706, 59.4578,

55.9935.

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

47.3706, 59.4578, 55.9935

Protanopia

55.9888, 58.9175, 51.6013

Deuteranopia

59.9704, 58.7994, 57.4788



Tritanopia

52.2538, 59.1989, 80.6240

Trichromacy



Original Color

47.3706, 59.4578, 55.9935

Protanomaly

52.3568, 58.7680, 53.3836

Deuteranomaly

54.5022, 58.3763, 57.1104

Tritanomaly

50.2822, 59.1285, 71.0501

Monochromacy



Original Color

47.3706, 59.4578, 55.9935

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

49.9264, 55.9919, 58.0453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3706, 59.4578, 55.9935 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(158, 215, 187)` looks like.

```
.text, #text, p{  
    color:rgb(158, 215, 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(158, 215, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 215, 187) }
```

Border

The CSS property to change the border of an element to XYZ 47.3706, 59.4578, 55.9935 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(158, 215, 187) }
```


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

```
.border{ border-color:rgb(158, 215, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 215, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 215, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 215, 187);  
box-shadow:4px 4px 4px 4px rgb(158, 215,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3706, 59.4578, 55.9935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 215, 187) }
```

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

```
.background{ background-color: rgb(158,  
215, 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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