

Converting Colors

XYZ(48.0146, 53.4685, 59.6418)

Have a look what the booklet for
XYZ(48.0146, 53.4685, 59.6418)
contains.

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Color

**XYZ(47.9489, 53.5584,
59.4404)**

Conversions

Conversions Part 1

Format	Color
Hex	B0C6C3
RGB	176, 198, 195
RGB Percent	69%, 78%, 76%
CMY	0.3098, 0.2235, 0.2353
CMYK	0.11, 0.00, 0.02, 0.22
HSL	172°, 16%, 73%
HSV	172°, 11%, 78%
XYZ	47.9489, 53.5584, 59.4404
YIQ	191.0800, -12.1490, -5.5970

Conversions

Conversions Part 2

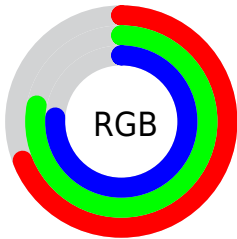
Format	Color
R_{YB}	176, 188, 198
Decimal	11585219
CIE _{Lab}	78.20, -8.02, -1.04
CIE _{LCh}	78, 8.086, 187.370
Yxy	53.5584, 0.2979, 0.3328
Android (android.graphics.Color)	4289775299 (0xFFB0C6C3)
YUV	191.0800, 1.9326, -13.2252
Hunter-Lab	73.1836, -11.1205, 3.0726

Details

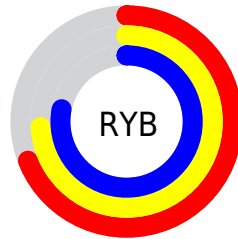
The XYZ color **47.9489, 53.5584, 59.4404** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.9526, 46.3125, 49.1148**, and the grayscale version is **49.5631, 52.1442, 56.7851**.

A 20% lighter version of the original color is **86.6094, 95.7041, 106.0034**, and **22.9494, 26.0806, 29.0238** is the 20% darker color. If you saturate the color by 10%, you get **43.4920, 51.2972, 57.6522**, and if you desaturate by 10%, it is **53.0675, 56.1630, 61.2907**.

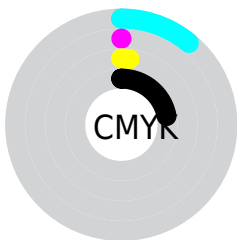
Distribution



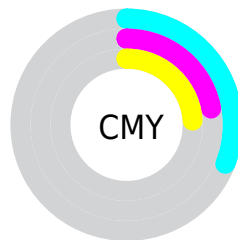
- Red (69%)
- Green (78%)
- Blue (76%)



- Red (69%)
- Yellow (74%)
- Blue (78%)



- Cyan (11%)
- Magenta (0%)
- Yellow (2%)
- Black (22%)



- Cyan (31%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.9489, 53.5584, 59.4404 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 47.9489, 53.5584, 59.4404 by changing the saturation by 10% instead.

■ 47.9489, 53.5584,
59.4404

■ 47.9489, 53.5584,
59.4404

369.1755,
400.4238, 440.2793

■ 33.9975, 38.2487,
42.5454

■ 86.3385, 95.4255,
105.5529

■ 23.0546, 26.1758,
29.1998

111.5074,
122.7518, 135.6074

■ 14.7547, 16.9552,
18.9852

141.1461,
154.8524, 170.8856

■ 8.7326, 10.2026,
11.4829

175.6201,
192.1117, 211.8059

■ 4.6229, 5.5335,
6.2744

215.2947,
234.9141, 258.7869

■ 2.0602, 2.5635,
2.9411

260.5352,

■ 0.6674, 0.9084,

283.6439, 312.2471

1.0647

311.7070,
338.6857, 372.6050

■ 0.0000, 0.0000,
0.0000

■ 47.9489, 53.5584,
59.4404

■ 47.9489, 53.5584,
59.4404

■ 43.4920, 51.2972,
57.6522

■ 53.0675, 56.1630,
61.2907

■ 39.6639, 49.3581,
55.9210

■ 58.8695, 59.1178,
63.2009

■ 36.4359, 47.7278,
54.2464

■ 65.3817, 62.4380,
65.1735

■ 33.7754, 46.3893,
52.6269

■ 72.5527, 66.0972,
67.2062

■ 31.6464, 45.3242,
51.0605

■ 72.8835, 66.2295,
68.9483

■ 30.0090, 44.5119,
49.5452

■ 73.2200, 66.3641,
70.7202

■ 28.8173, 43.9288,
48.0787

■ 73.5622, 66.5010,
72.5222

■ 28.0170, 43.5469,
46.6583

■ 73.9101, 66.6402,
74.3543

■ 27.5439, 43.3297,
45.4302

■ 74.2638, 66.7816,
76.2168

Harmonies

Analogous

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



48.1500, 53.5584, 55.0287



47.9489, 53.5584, 59.4404



48.5269, 53.5584, 63.7636

Triad

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



47.9489, 53.5584, 59.4404



52.7739, 53.5584, 65.5150



52.0848, 53.5584, 50.6409

Complementary

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



47.9489, 53.5584, 59.4404



46.9526, 46.3125, 49.1148

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.



53.3609, 53.5584, 53.1879



47.9489, 53.5584, 59.4404



53.7645, 53.5584, 61.7317

Square

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



47.9489, 53.5584, 59.4404



51.2968, 53.5584, 67.3868



53.9815, 53.5584, 57.2059



50.5165, 53.5584, 50.0980

Rectangle

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



47.9489, 53.5584, 59.4404



49.2834, 53.5584, 65.9626



53.9815, 53.5584, 57.2059



52.5631, 53.5584, 51.2844

Sweetspot

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



47.9504, 53.5606, 59.4416



92.1237, 98.5108, 107.8880



46.6920, 53.1445, 48.8721



19.5549, 21.0023, 23.0349



0.0000, 0.0000, 0.0000



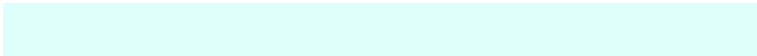
20.3446, 21.4041, 23.3091

Same Dimension

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



47.9504, 53.5606, 59.4416



83.1683, 93.9579, 104.5863



46.5776, 50.2662, 60.6762



10.8820, 12.0417, 13.3290



17.9350, 28.1864, 29.6659



0.8669, 1.3417, 1.4977

Inverse Universe

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



46.9526, 46.3125, 49.1148



81.1004, 78.9345, 83.1825



48.2053, 49.2985, 48.0500



10.6918, 10.6601, 11.3605



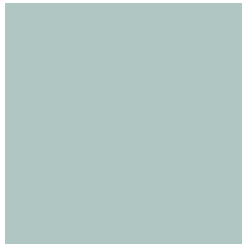
15.2927, 7.8666, 1.4854



0.7438, 0.3804, 0.1741

Previews

White Background



This preview shows how the XYZ color 47.9489, 53.5584, 59.4404 looks on a white background.

Color Contrast Check

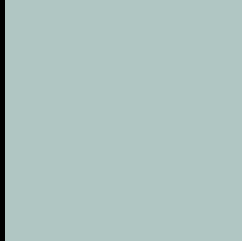
Large Text (above 18pt) WCAG AA × Fail

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 47.9489, 53.5584, 59.4404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

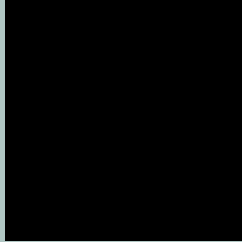
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

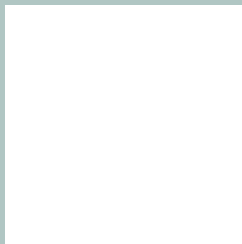
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.9489, 53.5584, 59.4404

Background



This preview shows how black text looks on a background with the XYZ color 47.9489, 53.5584, 59.4404.



This preview shows how white text looks on a background with the XYZ color 47.9489, 53.5584,

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

47.9489, 53.5584, 59.4404

Protanopia

51.3900, 53.3754, 57.4631

Deuteranopia

54.4267, 53.2735, 60.2375



Tritanopia

50.0882, 53.7667, 69.3661

Trichromacy



Original Color

47.9489, 53.5584, 59.4404

Protanomaly

49.9037, 53.2526, 58.1007

Deuteranomaly

51.8833, 53.2529, 59.7688

Tritanomaly

49.3458, 53.8053, 65.5423

Monochromacy



Original Color

47.9489, 53.5584, 59.4404

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.0559, 52.8284, 57.4806

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9489, 53.5584, 59.4404 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(176, 198, 195)` looks like.

```
.text, #text, p{  
    color:rgb(176, 198, 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(176, 198, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 198, 195) }
```

Border

The CSS property to change the border of an element to XYZ 47.9489, 53.5584, 59.4404 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(176, 198, 195) }
```


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

```
.border{ border-color:rgb(176, 198, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 198, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 198, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 198, 195);  
box-shadow:4px 4px 4px 4px rgb(176, 198,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9489, 53.5584, 59.4404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 198, 195) }
```

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

```
.background{ background-color: rgb(176,  
198, 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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