

Converting Colors

XYZ(47.9605, 50.4161, 55.2605)

Have a look what the booklet for
XYZ(47.9605, 50.4161, 55.2605)
contains.

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Color

**XYZ(47.9076, 50.3319,
55.3341)**

Conversions

Conversions Part 1

Format	Color
Hex	BCBCBD
RGB	188, 188, 189
RGB Percent	74%, 74%, 74%
CMY	0.2627, 0.2627, 0.2588
CMYK	0.01, 0.01, 0.00, 0.26
HSL	240°, 1%, 74%
HSV	240°, 1%, 74%
XYZ	47.9076, 50.3319, 55.3341
YIQ	188.1140, -0.3210, 0.3110

Conversions

Conversions Part 2

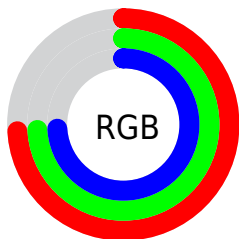
Format	Color
RYB	188, 188, 189
Decimal	12369085
CIELab	76.27, 0.19, -0.51
CIELCh	76, 0.547, 290.358
Yxy	50.3319, 0.3120, 0.3277
Android (android.graphics.Color)	4290559165 (0xFFBCBCBD)
YUV	188.1140, 0.4368, -0.1000
Hunter-Lab	70.9450, -3.6165, 3.4178

Details

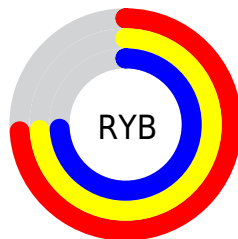
The XYZ color **47.9076, 50.3319, 55.3341** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.2611, 50.8444, 54.8482**, and the grayscale version is **47.8637, 50.3563, 54.8380**.

A 20% lighter version of the original color is **86.1403, 90.5270, 99.3196**, and **23.0996, 24.2564, 26.7570** is the 20% darker color. If you saturate the color by 10%, you get **39.7867, 40.5550, 53.8757**, and if you desaturate by 10%, it is **57.1669, 61.4791, 56.9985**.

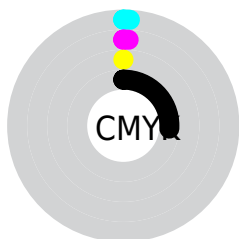
Distribution



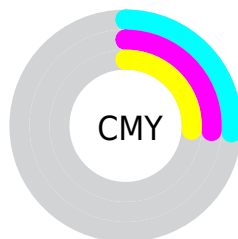
- Red (74%)
- Green (74%)
- Blue (74%)



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



- Cyan (1%)
- Magenta (1%)
- Yellow (0%)
- Black (26%)



- Cyan (26%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.9076, 50.3319, 55.3341 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 47.9076, 50.3319, 55.3341 by changing the saturation by 10% instead.

■ 47.9076, 50.3319,
55.3341

■ 47.9076, 50.3319,
55.3341

369.0144,
387.9625, 424.4947

■ 33.9647, 35.6772,
39.2689

■ 86.2773, 90.6664,
99.5063

■ 23.0292, 24.1850,
26.6595

111.4349,
117.1151, 128.4504

■ 14.7359, 15.4709,
17.0875

141.0613,
148.2638, 162.5246

■ 8.7193, 9.1505,
10.1343

175.5220,
184.4970, 202.1473

■ 4.6142, 4.8395,
5.3813

215.1823,
226.1990, 247.7371

■ 2.0551, 2.1534,
2.4101

260.4076,

■ 0.6647, 0.6944,

273.7544, 299.7126

0.7919

311.5632,
327.5474, 358.4923

■ 0.0000, 0.0000,
0.0000

■ 47.9076, 50.3319,
55.3341

■ 47.9076, 50.3319,
55.3341

■ 39.7867, 40.5550,
53.8757

■ 57.1669, 61.4791,
56.9985

■ 32.7562, 32.0892,
52.6122

■ 67.6018, 74.0397,
58.8729

■ 26.7709, 24.8809,
51.5364

■ 79.2527, 88.0631,
60.9656

■ 21.7811, 18.8702,
50.6391

■ 86.1854, 96.4542,
62.2199

■ 17.7328, 13.9920,
49.9109

■ 14.5668, 10.1756,
49.3412

■ 12.2175, 7.3420,
48.9180

■ 10.6100, 5.4012,
48.6282

■ 9.6556, 4.2469,
48.4557

Harmonies

Analogous

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



47.8059, 50.3319, 55.3616



47.9076, 50.3319, 55.3341



47.9910, 50.3319, 55.1640

Triad

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



47.9076, 50.3319, 55.3341



47.9649, 50.3319, 54.3691



47.6448, 50.3319, 54.7083

Complementary

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



47.9076, 50.3319, 55.3341



48.2611, 50.8444, 54.8482

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.



47.6873, 50.3319, 54.4433



47.9076, 50.3319, 55.3341



47.8720, 50.3319, 54.2480

Square

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



47.9076, 50.3319, 55.3341



48.0241, 50.3319, 54.6066



47.7704, 50.3319, 54.2751



47.6543, 50.3319, 54.9996

Rectangle

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



47.9076, 50.3319, 55.3341



48.0249, 50.3319, 54.9929



47.7704, 50.3319, 54.2751



47.6535, 50.3319, 54.6133

Sweetspot

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



47.9090, 50.3341, 55.3352



86.6293, 91.1408, 99.2523



48.1209, 50.7608, 55.3969



18.6292, 19.5994, 21.3438



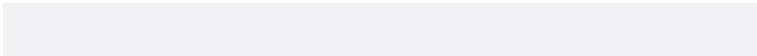
90.7827, 95.5105, 104.0109

Same Dimension

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



47.9090, 50.3341, 55.3352



85.0489, 89.2381, 98.9683



48.0277, 50.3943, 55.3406



10.5419, 11.0636, 12.2521



6.1850, 2.4817, 32.5459



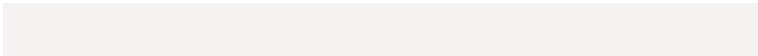
0.2430, 0.0987, 1.2751

Inverse Universe

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



48.0477, 50.4171, 54.7785



85.5244, 89.5229, 97.0593



48.1420, 50.7839, 54.8428



10.5962, 11.0961, 12.0345



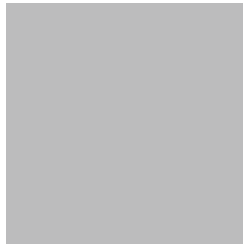
14.1227, 7.2802, 0.6736



0.5536, 0.2853, 0.0284

Previews

White Background



This preview shows how the XYZ color 47.9076, 50.3319, 55.3341 looks on a white background.

Color Contrast Check

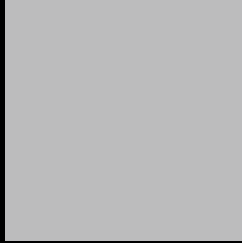
Large Text (above 18pt) WCAG AA × Fail

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 47.9076, 50.3319, 55.3341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

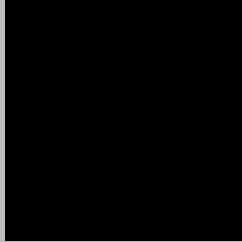
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

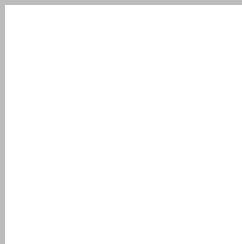
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.9076, 50.3319, 55.3341

Background



This preview shows how black text looks on a background with the XYZ color 47.9076, 50.3319, 55.3341.

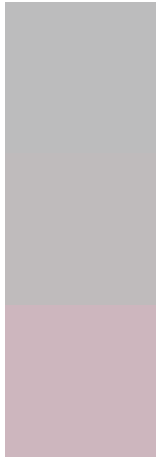


This preview shows how white text looks on a background with the XYZ color 47.9076, 50.3319,

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

47.9076, 50.3319, 55.3341

Protanopia

48.3333, 50.2479, 54.7283

Deuteranopia

51.1990, 50.1527, 55.6972



Tritanopia

49.3367, 50.2820, 62.3634

Trichromacy



Original Color

47.9076, 50.3319, 55.3341

Protanomaly

48.0826, 50.1186, 54.7166

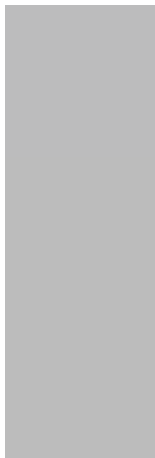
Deuteranomaly

49.9879, 50.1408, 55.7587

Tritanomaly

48.8346, 50.3907, 59.9758

Monochromacy



Original Color

47.9076, 50.3319, 55.3341

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.7994, 50.2886, 54.7643

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9076, 50.3319, 55.3341 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(188, 188, 189)` looks like.

```
.text, #text, p{  
    color:rgb(188, 188, 189)  
}
```

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(188, 188, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 188, 189) }
```

Border

The CSS property to change the border of an element to XYZ 47.9076, 50.3319, 55.3341 is called "border". The border property can be set on classes, ids or directly on the HTML element.

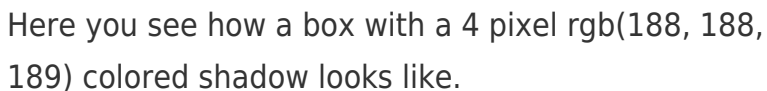
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 188, 189) }
```

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

```
.border{ border-color:rgb(188, 188, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 188, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 188, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 188, 189); box-shadow:4px 4px 4px 4px rgb(188, 188, 189) }
```


Background

The CSS property to change the background color of an element to XYZ 47.9076, 50.3319, 55.3341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 188, 189) }
```

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

```
.background{ background-color: rgb(188,  
188, 189) }
```

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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