

Converting Colors

XYZ(47.2439, 49.5257, 55.7473)

Have a look what the booklet for
XYZ(47.2439, 49.5257, 55.7473)
contains.

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Color

**XYZ(47.3143, 49.6975,
55.8140)**

Conversions

Conversions Part 1

Format	Color
Hex	BABBBE
RGB	186, 187, 190
RGB Percent	73%, 73%, 75%
CMY	0.2706, 0.2666, 0.2549
CMYK	0.02, 0.02, 0.00, 0.25
HSL	225°, 3%, 74%
HSV	225°, 2%, 75%
XYZ	47.3143, 49.6975, 55.8140
YIQ	187.0430, -1.5590, 0.7210

Conversions

Conversions Part 2

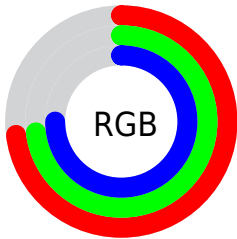
Format	Color
RYB	186, 187, 190
Decimal	12237758
CIELab	75.88, 0.22, -1.64
CIELCh	76, 1.658, 277.581
Yxy	49.6975, 0.3096, 0.3252
Android (android.graphics.Color)	4290427838 (0xFFBABBBE)
YUV	187.0430, 1.4578, -0.9147
Hunter-Lab	70.4965, -3.5670, 2.4060

Details

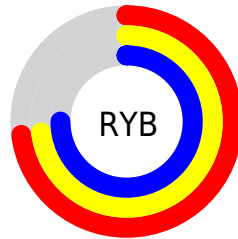
The XYZ color **47.3143, 49.6975, 55.8140** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.2957, 50.8868, 53.7318**, and the grayscale version is **47.2522, 49.7130, 54.1375**.

A 20% lighter version of the original color is **85.3031, 89.6323, 99.9936**, and **22.7133, 23.8429, 27.0719** is the 20% darker color. If you saturate the color by 10%, you get **40.1305, 41.7324, 54.6560**, and if you desaturate by 10%, it is **55.4140, 58.5819, 57.1027**.

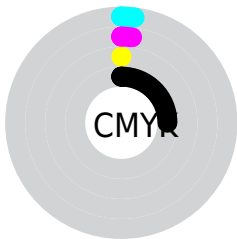
Distribution



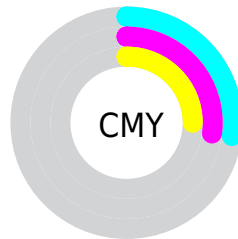
- Red (73%)
- Green (73%)
- Blue (75%)



- Red (73%)
- Yellow (73%)
- Blue (75%)



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (25%)



- Cyan (27%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.3143, 49.6975, 55.8140 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 47.3143, 49.6975, 55.8140 by changing the saturation by 10% instead.

■ 47.3143, 49.6975,
55.8140

■ 47.3143, 49.6975,
55.8140

366.6957,
385.4818, 426.3588

■ 33.4932, 35.1731,
39.6508

■ 85.3985, 89.7265,
100.2157

■ 22.6656, 23.7962,
26.9547

110.3922,
115.9999, 129.2912

■ 14.4661, 15.1825,
17.3071

139.8409,
146.9585, 163.5080

■ 8.5294, 8.9476,
10.2894

174.1099,
182.9865, 203.2845

■ 4.4902, 4.7070,
5.4831

213.5645,
224.4685, 249.0393

■ 1.9830, 2.0764,
2.4698

258.5701,

■ 0.6244, 0.6513,

271.7887, 301.1909

0.8241

309.4920,
325.3317, 360.1579

■ 0.0000, 0.0000,
0.0000

■ 47.3143, 49.6975,
55.8140

■ 47.3143, 49.6975,
55.8140

■ 40.1305, 41.7324,
54.6560

■ 55.4140, 58.5819,
57.1027

■ 33.8258, 34.6506,
53.6213

■ 64.4565, 68.4077,
58.5227

■ 28.3668, 28.4229,
52.7070

■ 74.4727, 79.2039,
60.0787

■ 23.7164, 23.0159,
51.9084

■ 82.8677, 89.6444,
61.6514

■ 19.8349, 18.3941,
51.2209

■ 86.2944, 96.4978,
62.7936

■ 16.6789, 14.5194,
50.6394

■ 14.2003, 11.3501,
50.1582

■ 12.3451, 8.8399,
49.7715

■ 11.0500, 6.9364,
49.4724

Harmonies

Analogous

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



47.0101, 49.6975, 55.6981



47.3143, 49.6975, 55.8140



47.5988, 49.6975, 55.4699

Triad

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



47.3143, 49.6975, 55.8140



47.7077, 49.6975, 53.0824



46.6896, 49.6975, 53.4667

Complementary

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



47.3143, 49.6975, 55.8140



48.2957, 50.8868, 53.7318

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.



46.8751, 49.6975, 52.7767



47.3143, 49.6975, 55.8140



47.4626, 49.6975, 52.5565

Square

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



47.3143, 49.6975, 55.8140



47.8265, 49.6975, 53.8883



47.1578, 49.6975, 52.4452



46.6503, 49.6975, 54.3366

Rectangle

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



47.3143, 49.6975, 55.8140



47.7386, 49.6975, 55.0282



47.1578, 49.6975, 52.4452



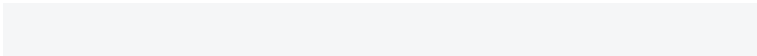
46.7369, 49.6975, 53.2063

Sweetspot

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



47.3157, 49.6996, 55.8151



87.2586, 91.7332, 101.3864



47.8420, 50.9380, 55.4174



19.1768, 20.1610, 22.2660



92.9021, 97.7402, 106.4391



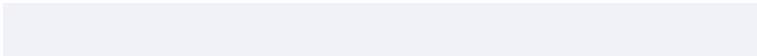
19.4759, 20.4902, 22.3138

Same Dimension

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



47.3157, 49.6996, 55.8151



84.4437, 88.6297, 100.9357



47.3311, 49.3927, 55.7550



10.0947, 10.5889, 12.1840



6.9274, 3.9665, 32.7934



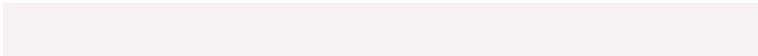
0.3254, 0.2634, 1.3026

Inverse Universe

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



47.7648, 49.6537, 54.0829



85.6163, 88.5148, 96.4123



48.2799, 51.2002, 53.7931



10.2680, 10.5725, 11.5157



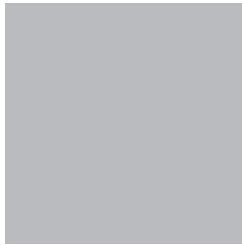
14.4974, 7.4301, 2.6469



0.5952, 0.3020, 0.2473

Previews

White Background



This preview shows how the XYZ color 47.3143, 49.6975, 55.8140 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 47.3143, 49.6975, 55.8140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

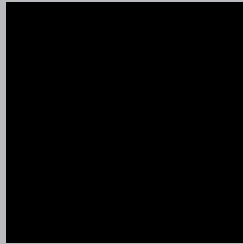
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.3143, 49.6975, 55.8140

Background



This preview shows how black text looks on a background with the XYZ color 47.3143, 49.6975, 55.8140.

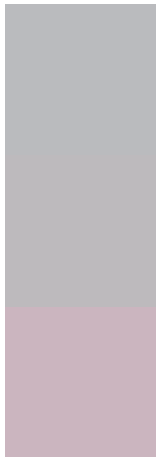


This preview shows how white text looks on a background with the XYZ color 47.3143, 49.6975,

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

47.3143, 49.6975, 55.8140

Protanopia

47.7305, 49.6108, 55.2043

Deuteranopia

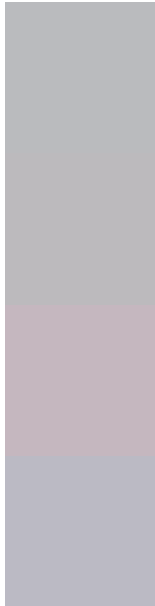
50.5564, 49.5058, 56.1812



Tritanopia

48.5133, 49.5594, 61.6526

Trichromacy



Original Color

47.3143, 49.6975, 55.8140

Protanomaly

47.4833, 49.4833, 55.1927

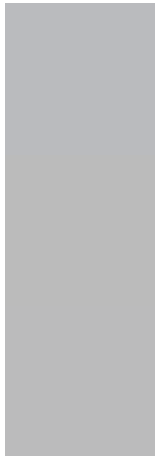
Deuteranomaly

49.3634, 49.4989, 56.2427

Tritanomaly

48.0162, 49.6681, 59.2807

Monochromacy



Original Color

47.3143, 49.6975, 55.8140

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.3409, 49.7363, 54.6819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3143, 49.6975, 55.8140 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(186, 187, 190) looks like.

```
.text, #text, p{  
    color:rgb(186, 187, 190)  
}
```

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(186, 187, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 187, 190) }
```

Border

The CSS property to change the border of an element to XYZ 47.3143, 49.6975, 55.8140 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(186, 187, 190) }
```


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

```
.border{ border-color:rgb(186, 187, 190) }
```

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

Here you see how a box with a 4 pixel rgb(186, 187, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 187, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 187, 190);  
box-shadow:4px 4px 4px 4px rgb(186, 187,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3143, 49.6975, 55.8140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 187, 190) }
```

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

```
.background{ background-color: rgb(186,  
187, 190) }
```

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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