

Converting Colors

XYZ(44.0146, 47.0989, 53.7849)

Have a look what the booklet for
XYZ(44.0146, 47.0989, 53.7849)
contains.

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Color

**XYZ(44.0146, 47.0989,
53.7849)**

Conversions

Conversions Part 1

Format	Color
Hex	B0B8BB
RGB	176, 184, 187
RGB Percent	69%, 72%, 73%
CMY	0.3098, 0.2784, 0.2667
CMYK	0.06, 0.02, 0.00, 0.27
HSL	196°, 7%, 71%
HSV	196°, 6%, 73%
XYZ	44.0146, 47.0989, 53.7849
YIQ	181.9500, -5.7310, -0.7630

Conversions

Conversions Part 2

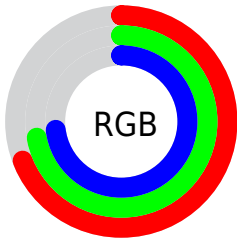
Format	Color
R_YB	176, 181, 187
Decimal	11581627
CIE Lab	74.25, -2.19, -2.49
CIE LCh	74, 3.316, 228.688
Yxy	47.0989, 0.3038, 0.3250
Android (android.graphics.Color)	4289771707 (0xFFB0B8BB)
YUV	181.9500, 2.4896, -5.2182
Hunter-Lab	68.6286, -5.6201, 1.5739

Details

The XYZ color **44.0146, 47.0989, 53.7849** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.4503, 45.9392, 47.5994**, and the grayscale version is **44.4264, 46.7400, 50.8999**.

A 20% lighter version of the original color is **80.6165, 85.9470, 97.1345**, and **20.7316, 22.2389, 25.7541** is the 20% darker color. If you saturate the color by 10%, you get **39.0351, 42.9901, 53.2550**, and if you desaturate by 10%, it is **49.6174, 51.5883, 54.3569**.

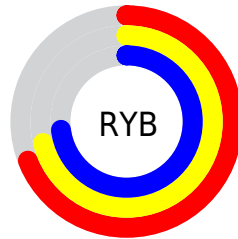
Distribution



Red (69%)

Green (72%)

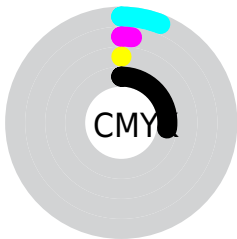
Blue (73%)



Red (69%)

Yellow (71%)

Blue (73%)

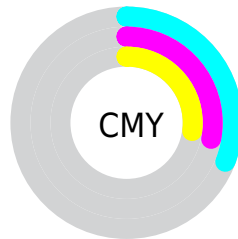


Cyan (6%)

Magenta (2%)

Yellow (0%)

Black (27%)



Cyan (31%)

Magenta (28%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.0146, 47.0989, 53.7849 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 44.0146, 47.0989, 53.7849 by changing the saturation by 10% instead.

■ 44.0146, 47.0989,
53.7849

■ 44.0146, 47.0989,
53.7849

353.6191,
375.2092, 418.4406

■ 30.8799, 33.1138,
38.0377

■ 80.4859, 85.8612,
97.2116

■ 20.6588, 22.2137,
25.7099

104.5533,
111.4073, 125.7281

■ 12.9859, 14.0140,
16.3829

132.9956,
141.5758, 159.3382

■ 7.4958, 8.1304,
9.6382

166.1783,
176.7512, 198.4604

■ 3.8231, 4.1785,
5.0573

204.4666,
217.3178, 243.5132

■ 1.6025, 1.7739,
2.2216

248.2259,

■ 0.3941, 0.4708,

263.6601, 294.9151

0.6868

297.8216,
316.1624, 353.0848

■ 0.0000, 0.0000,
0.0000

■ 44.0146, 47.0989,
53.7849

■ 44.0146, 47.0989,
53.7849

■ 39.0351, 42.9901,
53.2550

■ 49.6174, 51.5883,
54.3569

■ 34.6509, 39.2428,
52.7628

■ 55.8621, 56.4644,
54.9689

■ 30.8374, 35.8452,
52.3080

■ 62.7717, 61.7411,
55.6232

■ 27.5673, 32.7825,
51.8892

■ 70.3666, 67.4294,
56.3209

■ 24.8103, 30.0386,
51.5048

■ 73.1282, 70.6848,
56.8037

■ 22.5334, 27.5957,
51.1533

■ 74.4022, 73.2328,
57.2284

■ 20.6994, 25.4340,
50.8327

■ 75.7166, 75.8616,
57.6665

■ 19.2650, 23.5307,
50.5409

■ 77.0717, 78.5718,
58.1182

■ 18.1758, 21.8569,
50.2753

■ 78.4679, 81.3642,
58.5836

Harmonies

Analogous

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



43.6904, 47.0989, 52.3404



44.0146, 47.0989, 53.7849



44.5419, 47.0989, 54.5652

Triad

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



44.0146, 47.0989, 53.7849



45.8980, 47.0989, 51.9285



44.4003, 47.0989, 48.2393

Complementary

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



44.0146, 47.0989, 53.7849



44.4503, 45.9392, 47.5994

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.



44.9910, 47.0989, 48.1346



44.0146, 47.0989, 53.7849



45.8593, 47.0989, 50.2394

Square

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



44.0146, 47.0989, 53.7849



45.6315, 47.0989, 53.4777



45.5261, 47.0989, 48.8593



43.9117, 47.0989, 49.1486

Rectangle

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



44.0146, 47.0989, 53.7849



44.9392, 47.0989, 54.5924



45.5261, 47.0989, 48.8593



44.5934, 47.0989, 48.1096

Sweetspot

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



44.0160, 47.1009, 53.7859



82.5596, 87.3693, 96.7140



43.8055, 48.0235, 49.5739



18.2036, 19.2583, 21.3004



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



44.0160, 47.1009, 53.7859



77.6740, 83.4141, 96.2081



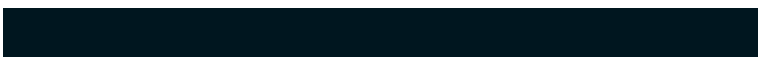
42.9083, 44.8855, 53.4167



9.8008, 10.5364, 12.1894



12.3135, 14.7387, 34.5888



0.5340, 0.6807, 1.3721

Inverse Universe

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



44.6716, 45.0770, 51.6960



79.0864, 79.0815, 91.6999



45.5614, 48.1615, 47.9698



9.9889, 9.9604, 11.5887



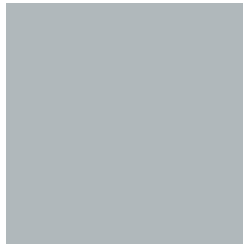
17.2160, 8.5176, 16.9632



0.7005, 0.3441, 0.8019

Previews

White Background



This preview shows how the XYZ color 44.0146, 47.0989, 53.7849 looks on a white background.

Color Contrast Check

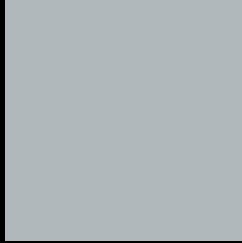
Large Text (above 18pt) WCAG AA × Fail

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 44.0146, 47.0989, 53.7849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

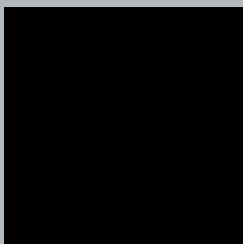
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

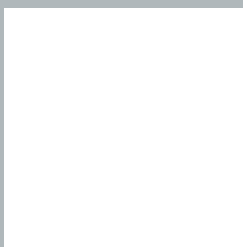
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.0146, 47.0989, 53.7849

Background



This preview shows how black text looks on a background with the XYZ color 44.0146, 47.0989, 53.7849.

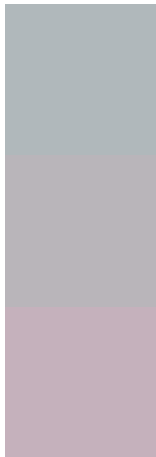


This preview shows how white text looks on a background with the XYZ color 44.0146, 47.0989,

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

44.0146, 47.0989, 53.7849

Protanopia

45.3944, 46.9072, 53.1158

Deuteranopia

47.8252, 46.9454, 54.1177



Tritanopia

45.1661, 46.9521, 59.5055

Trichromacy



Original Color

44.0146, 47.0989, 53.7849

Protanomaly

44.8823, 46.9462, 53.1503

Deuteranomaly

46.3846, 47.0922, 54.2219

Tritanomaly

44.6906, 47.0643, 57.1810

Monochromacy



Original Color

44.0146, 47.0989, 53.7849

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

44.4076, 47.0310, 52.0848

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.0146, 47.0989, 53.7849 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, 184, 187) looks like.

```
.text, #text, p{  
    color:rgb(176, 184, 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(176, 184, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 184, 187) }
```

Border

The CSS property to change the border of an element to XYZ 44.0146, 47.0989, 53.7849 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, 184, 187) }
```


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

```
.border{ border-color:rgb(176, 184, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 184, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 184, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 184, 187);  
box-shadow:4px 4px 4px 4px rgb(176, 184,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 44.0146, 47.0989, 53.7849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 184, 187) }
```

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

```
.background{ background-color: rgb(176,  
184, 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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