

Converting Colors

XYZ(44.6503, 47.7346, 54.3289)

Have a look what the booklet for
XYZ(44.6503, 47.7346, 54.3289)
contains.

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Color

**XYZ(44.5575, 47.6759,
54.4309)**

Conversions

Conversions Part 1

Format	Color
Hex	B1B9BC
RGB	177, 185, 188
RGB Percent	69%, 73%, 74%
CMY	0.3059, 0.2745, 0.2627
CMYK	0.06, 0.02, 0.00, 0.26
HSL	196°, 8%, 72%
HSV	196°, 6%, 74%
XYZ	44.5575, 47.6759, 54.4309
YIQ	182.9500, -5.7310, -0.7630

Conversions

Conversions Part 2

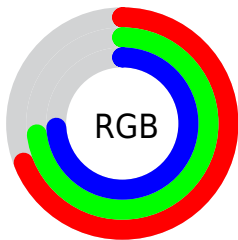
Format	Color
RYB	177, 182, 188
Decimal	11647420
CIELab	74.62, -2.19, -2.49
CIELCh	75, 3.313, 228.683
Yxy	47.6759, 0.3038, 0.3251
Android (android.graphics.Color)	4289837500 (0xFFB1B9BC)
YUV	182.9500, 2.4897, -5.2181
Hunter-Lab	69.0477, -5.6449, 1.5946

Details

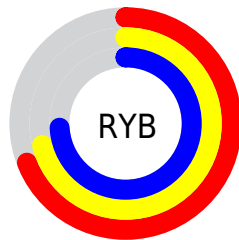
The XYZ color **44.5575, 47.6759, 54.4309** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.9962, 46.5077, 48.2009**, and the grayscale version is **44.9725, 47.3146, 51.5256**.

A 20% lighter version of the original color is **81.3887, 86.7659, 98.0458**, and **20.9366, 22.5369, 26.1682** is the 20% darker color. If you saturate the color by 10%, you get **39.5149, 43.5155, 53.8944**, and if you desaturate by 10%, it is **50.2314, 52.2217, 55.0100**.

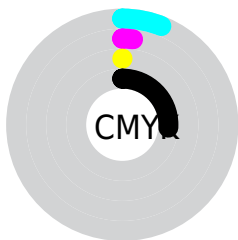
Distribution



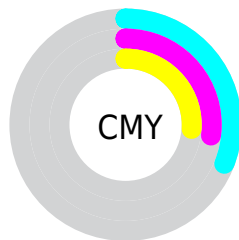
- Red (69%)
- Green (73%)
- Blue (74%)



- Red (69%)
- Yellow (71%)
- Blue (74%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (26%)



- Cyan (31%)
- Magenta (27%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.5575, 47.6759, 54.4309 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 44.5575, 47.6759, 54.4309 by changing the saturation by 10% instead.

■ 44.5575, 47.6759,
54.4309

■ 44.5575, 47.6759,
54.4309

355.7924,
377.5060, 420.9720

■ 31.3088, 33.5703,
38.5507

■ 81.2972, 86.7217,
98.1694

■ 20.9871, 22.5637,
26.1053

105.5188,
112.4306, 126.8648

■ 13.2270, 14.2717,
16.6759

134.1289,
142.7761, 160.6691

■ 7.6631, 8.3099,
9.8442

167.4927,
178.1426, 200.0008

■ 3.9301, 4.2939,
5.1915

205.9756,
218.9144, 245.2784

■ 1.6627, 1.8393,
2.2994

249.9429,

■ 0.4327, 0.5115,

265.4760, 296.9204

0.7309

299.7601,
318.2118, 355.3454

■ 0.0000, 0.0000,
0.0000

■ 44.5575, 47.6759,
54.4309

■ 44.5575, 47.6759,
54.4309

■ 39.5149, 43.5155,
53.8944

■ 50.2314, 52.2217,
55.0100

■ 35.0752, 39.7212,
53.3960

■ 56.5555, 57.1593,
55.6298

■ 31.2136, 36.2812,
52.9355

■ 63.5529, 62.5025,
56.2923

■ 27.9023, 33.1802,
52.5115

■ 71.2445, 68.2626,
56.9987

■ 25.1107, 30.4021,
52.1224

■ 73.5158, 71.2880,
57.4630

■ 22.8053, 27.9289,
51.7665

■ 74.8056, 73.8676,
57.8929

■ 20.9484, 25.7405,
51.4420

■ 76.1363, 76.5290,
58.3364

■ 19.4963, 23.8137,
51.1466

■ 77.5082, 79.2729,
58.7938

■ 18.3940, 22.1194,
50.8777

■ 78.9218, 82.0999,
59.2649

Harmonies

Analogous

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



44.2310, 47.6759, 52.9760



44.5575, 47.6759, 54.4309



45.0886, 47.6759, 55.2168

Triad

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



44.5575, 47.6759, 54.4309



46.4546, 47.6759, 52.5617



44.9461, 47.6759, 48.8451

Complementary

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



44.5575, 47.6759, 54.4309



44.9962, 46.5077, 48.2009

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.



45.5412, 47.6759, 48.7398



44.5575, 47.6759, 54.4309



46.4156, 47.6759, 50.8603

Square

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



44.5575, 47.6759, 54.4309



46.1861, 47.6759, 54.1218



46.0801, 47.6759, 49.4700



44.4540, 47.6759, 49.7611

Rectangle

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



44.5575, 47.6759, 54.4309



45.4888, 47.6759, 55.2443



46.0801, 47.6759, 49.4700



45.1407, 47.6759, 48.7145

Sweetspot

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



44.5589, 47.6779, 54.4319



84.5438, 89.4694, 99.0396



44.3468, 48.6069, 50.1898



18.2036, 19.2583, 21.3004



90.7827, 95.5105, 104.0109



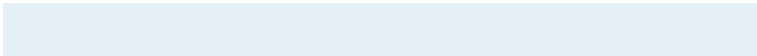
18.6292, 19.5994, 21.3438

Same Dimension

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



44.5589, 47.6779, 54.4319



79.5381, 85.4170, 98.5212



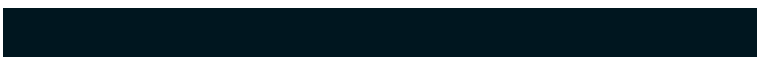
43.4431, 45.4465, 54.0600



9.8008, 10.5364, 12.1894



12.3139, 14.7396, 34.5889



0.5340, 0.6808, 1.3721

Inverse Universe

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



45.2192, 45.6393, 52.3273



80.9852, 80.9777, 93.9023



46.1153, 48.7460, 48.5740



9.9889, 9.9605, 11.5887



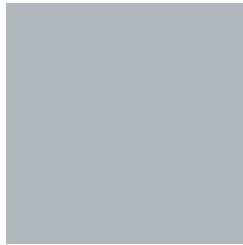
17.2163, 8.5177, 16.9644



0.7005, 0.3441, 0.8019

Previews

White Background



This preview shows how the XYZ color 44.5575, 47.6759, 54.4309 looks on a white background.

Color Contrast Check

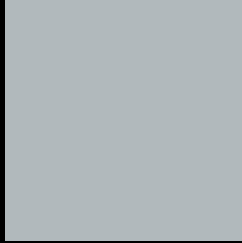
Large Text (above 18pt) WCAG AA × Fail

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 44.5575, 47.6759, 54.4309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

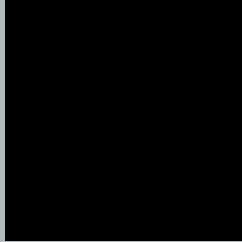
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

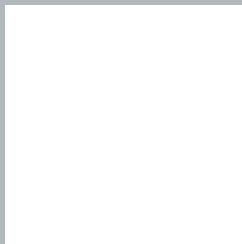
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.5575, 47.6759, 54.4309

Background



This preview shows how black text looks on a background with the XYZ color 44.5575, 47.6759, 54.4309.



This preview shows how white text looks on a background with the XYZ color 44.5575, 47.6759,

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

44.5575, 47.6759, 54.4309

Protanopia

45.9473, 47.4829, 53.7571

Deuteranopia

48.3944, 47.5207, 54.7659



Tritanopia

45.7169, 47.5279, 60.1903

Trichromacy



Original Color

44.5575, 47.6759, 54.4309

Protanomaly

45.4316, 47.5221, 53.7919

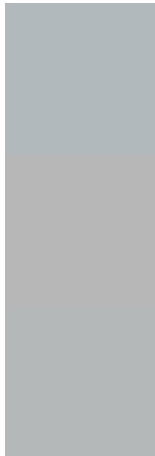
Deuteranomaly

46.9444, 47.6690, 54.8709

Tritanomaly

45.2382, 47.6410, 57.8503

Monochromacy



Original Color

44.5575, 47.6759, 54.4309

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.9535, 47.6075, 52.7188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5575, 47.6759, 54.4309 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(177, 185, 188)` looks like.

```
.text, #text, p{  
    color:rgb(177, 185, 188)  
}
```

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(177, 185, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 185, 188) }
```

Border

The CSS property to change the border of an element to XYZ 44.5575, 47.6759, 54.4309 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(177, 185, 188) }
```


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

```
.border{ border-color:rgb(177, 185, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 185, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 185, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 185, 188);  
box-shadow:4px 4px 4px 4px rgb(177, 185,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5575, 47.6759, 54.4309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 185, 188) }
```

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

```
.background{ background-color: rgb(177,  
185, 188) }
```

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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