

Converting Colors

XYZ(44.4670, 47.4657, 55.4318)

Have a look what the booklet for
XYZ(44.4670, 47.4657, 55.4318)
contains.

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Color

**XYZ(44.5477, 47.6457,
55.5638)**

Conversions

Conversions Part 1

Format	Color
Hex	B0B9BE
RGB	176, 185, 190
RGB Percent	69%, 73%, 75%
CMY	0.3098, 0.2745, 0.2549
CMYK	0.07, 0.03, 0.00, 0.25
HSL	201°, 10%, 72%
HSV	201°, 7%, 75%
XYZ	44.5477, 47.6457, 55.5638
YIQ	182.8790, -6.9690, -0.3530

Conversions

Conversions Part 2

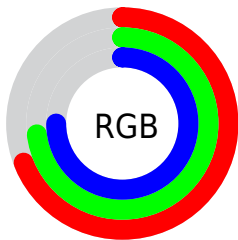
Format	Color
R _Y B	176, 181, 190
Decimal	11581886
CIE Lab	74.60, -2.13, -3.62
CIE LCh	75, 4.198, 239.454
Yxy	47.6457, 0.3015, 0.3225
Android (android.graphics.Color)	4289771966 (0xFFB0B9BE)
YUV	182.8790, 3.5107, -6.0329
Hunter-Lab	69.0259, -5.5955, 0.5914

Details

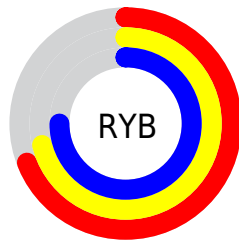
The XYZ color **44.5477, 47.6457, 55.5638** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.5957, 47.1291, 47.7688**, and the grayscale version is **44.9286, 47.2684, 51.4753**.

A 20% lighter version of the original color is **81.3686, 86.7202, 99.6389**, and **20.9350, 22.5196, 26.9102** is the 20% darker color. If you saturate the color by 10%, you get **39.1640, 42.8153, 54.9159**, and if you desaturate by 10%, it is **50.6032, 52.9255, 56.2645**.

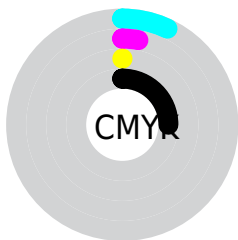
Distribution



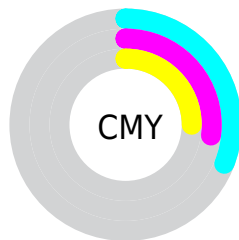
- Red (69%)
- Green (73%)
- Blue (75%)



- Red (69%)
- Yellow (71%)
- Blue (75%)



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)
- Black (25%)



- Cyan (31%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.5477, 47.6457, 55.5638 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 44.5477, 47.6457, 55.5638 by changing the saturation by 10% instead.

■ 44.5477, 47.6457,
55.5638

■ 44.5477, 47.6457,
55.5638

355.7532,
377.3860, 425.3876

■ 31.3011, 33.5464,
39.4517

■ 81.2825, 86.6767,
99.8459

■ 20.9812, 22.5453,
26.8007

105.5014,
112.3771, 128.8530

■ 13.2226, 14.2582,
17.1925

134.1085,
142.7134, 162.9955

■ 7.6601, 8.3004,
10.2084

167.4690,
178.0699, 202.6919

■ 3.9282, 4.2878,
5.4300

205.9484,
218.8310, 248.3607

■ 1.6616, 1.8358,
2.4386

249.9120,

■ 0.4320, 0.5093,

265.3811, 300.4206

0.8073

299.7252,
318.1047, 359.2901

■ 0.0000, 0.0000,
0.0000

■ 44.5477, 47.6457,
55.5638

■ 44.5477, 47.6457,
55.5638

■ 39.1640, 42.8153,
54.9159

■ 50.6032, 52.9255,
56.2645

■ 34.4221, 38.4136,
54.3162

■ 57.3506, 58.6625,
57.0162

■ 30.2959, 34.4270,
53.7642

■ 64.8144, 64.8720,
57.8214

■ 26.7558, 30.8388,
53.2582

■ 73.0165, 71.5665,
58.6812

■ 23.7697, 27.6308,
52.7964

■ 75.8434, 75.5958,
59.3100

■ 21.3017, 24.7833,
52.3768

■ 77.6481, 79.2051,
59.9115

■ 19.3120, 22.2740,
51.9974

■ 79.5256, 82.9602,
60.5374

■ 17.7537, 20.0772,
51.6555

■ 81.4769, 86.8628,
61.1878

■ 16.5605, 18.1570,
51.3477

■ 83.5028, 90.9145,
61.8631

Harmonies

Analogous

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



44.0261, 47.6457, 53.9618



44.5477, 47.6457, 55.5638



45.2719, 47.6457, 56.1734

Triad

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



44.5477, 47.6457, 55.5638



46.7618, 47.6457, 51.9179



44.5715, 47.6457, 48.3210

Complementary

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



44.5477, 47.6457, 55.5638



45.5957, 47.1291, 47.7688

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.



45.2997, 47.6457, 47.8075



44.5477, 47.6457, 55.5638



46.5693, 47.6457, 49.8487

Square

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



44.5477, 47.6457, 55.5638



46.5551, 47.6457, 54.0327



46.0320, 47.6457, 48.3590



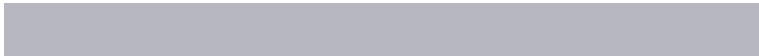
44.0398, 47.6457, 49.7815

Rectangle

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



44.5477, 47.6457, 55.5638



45.7739, 47.6457, 55.9222



46.0320, 47.6457, 48.3590



44.8012, 47.6457, 48.0338

Sweetspot

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



44.5491, 47.6477, 55.5649



86.4284, 91.3445, 101.3551



44.6489, 49.3899, 50.8430



19.0035, 20.0798, 22.2595



92.9021, 97.7402, 106.4391



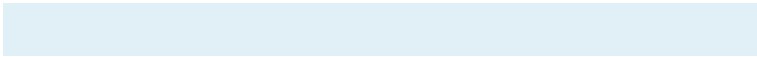
19.4759, 20.4902, 22.3138

Same Dimension

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



44.5491, 47.6477, 55.5649



78.9064, 84.7286, 100.4746



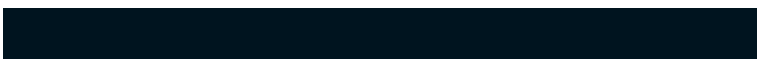
43.1398, 44.8292, 55.0951



9.5143, 10.2209, 12.1436



10.8989, 11.9096, 34.1173



0.4866, 0.5858, 1.3563

Inverse Universe

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



45.5185, 45.5015, 52.2848



81.0702, 79.9920, 93.1418



47.0343, 50.0062, 48.2483



9.7814, 9.6369, 11.2381



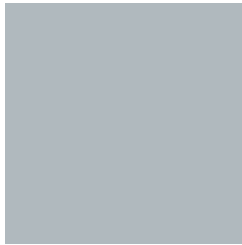
16.5021, 8.2320, 13.2033



0.6765, 0.3345, 0.6758

Previews

White Background



This preview shows how the XYZ color 44.5477, 47.6457, 55.5638 looks on a white background.

Color Contrast Check

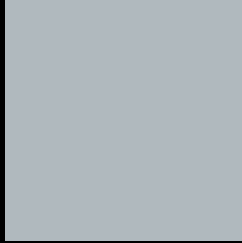
Large Text (above 18pt) WCAG AA × Fail

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 44.5477, 47.6457, 55.5638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

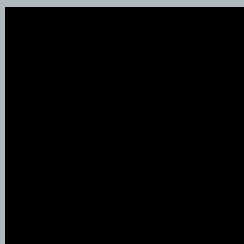
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

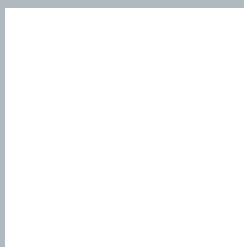
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.5477, 47.6457, 55.5638

Background



This preview shows how black text looks on a background with the XYZ color 44.5477, 47.6457, 55.5638.



This preview shows how white text looks on a background with the XYZ color 44.5477, 47.6457,

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

44.5477, 47.6457, 55.5638

Protanopia

45.8126, 47.4010, 54.3117

Deuteranopia

48.3503, 47.4727, 55.9050



Tritanopia

45.4650, 47.7053, 60.2379

Trichromacy



Original Color

44.5477, 47.6457, 55.5638

Protanomaly

45.4102, 47.4862, 54.9165

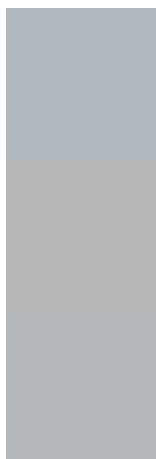
Deuteranomaly

46.9141, 47.6282, 56.0107

Tritanomaly

45.1223, 47.5682, 58.4331

Monochromacy



Original Color

44.5477, 47.6457, 55.5638

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.8258, 47.5294, 53.2659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5477, 47.6457, 55.5638 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, 185, 190)` looks like.

```
.text, #text, p{  
    color:rgb(176, 185, 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(176, 185, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 185, 190) }
```

Border

The CSS property to change the border of an element to XYZ 44.5477, 47.6457, 55.5638 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, 185, 190) }
```


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

```
.border{ border-color:rgb(176, 185, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 185, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 185, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 185, 190);  
box-shadow:4px 4px 4px 4px rgb(176, 185,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5477, 47.6457, 55.5638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 185, 190) }
```

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

```
.background{ background-color: rgb(176,  
185, 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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