

Converting Colors

XYZ(48.5437, 54.7016, 68.3215)

Have a look what the booklet for
XYZ(48.5437, 54.7016, 68.3215)
contains.

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Color

**XYZ(48.5437, 54.7016,
68.3215)**

Conversions

Conversions Part 1

Format	Color
Hex	A8C9D1
RGB	168, 201, 209
RGB Percent	66%, 79%, 82%
CMY	0.3412, 0.2117, 0.1804
CMYK	0.20, 0.04, 0.00, 0.18
HSL	192°, 31%, 74%
HSV	192°, 20%, 82%
XYZ	48.5437, 54.7016, 68.3215
YIQ	192.0450, -22.2360, -4.5080

Conversions

Conversions Part 2

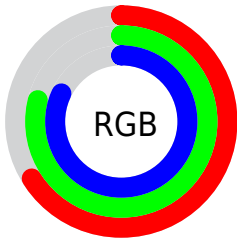
Format	Color
RYB	168, 186, 209
Decimal	11061713
CIELab	78.87, -9.25, -7.66
CIELCh	79, 12.006, 219.617
Yxy	54.7016, 0.2829, 0.3188
Android (android.graphics.Color)	4289251793 (0xFFA8C9D1)
YUV	192.0450, 8.3588, -21.0875
Hunter-Lab	73.9605, -12.2732, -2.9971

Details

The XYZ color **48.5437, 54.7016, 68.3215** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.8881, 47.4331, 43.6256**, and the grayscale version is **50.0925, 52.7012, 57.3917**.

A 20% lighter version of the original color is **84.5505, 94.5873, 108.4086**, and **23.4203, 26.8788, 34.9641** is the 20% darker color. If you saturate the color by 10%, you get **43.5095, 50.7156, 67.8183**, and if you desaturate by 10%, it is **54.3215, 59.1112, 68.8690**.

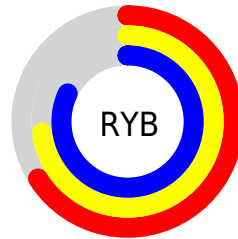
Distribution



Red (66%)

Green (79%)

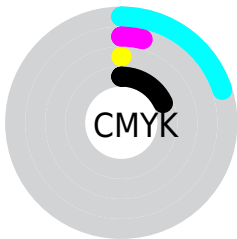
Blue (82%)



Red (66%)

Yellow (73%)

Blue (82%)

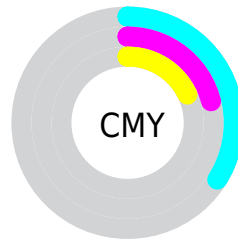


Cyan (20%)

Magenta (4%)

Yellow (0%)

Black (18%)



Cyan (34%)

Magenta (21%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.5437, 54.7016, 68.3215 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 48.5437, 54.7016, 68.3215 by changing the saturation by 10% instead.

■ 48.5437, 54.7016,
68.3215

■ 48.5437, 54.7016,
68.3215

371.4900,
404.7798, 473.2632

■ 34.4707, 39.1629,
49.6910

■ 87.2182, 97.1036,
118.4705

■ 23.4200, 26.8864,
34.7985

■ 112.5504,
124.7357, 150.8261

■ 15.0264, 17.4880,
23.2254

142.3663,
157.1677, 188.5938

■ 8.9243, 10.5830,
14.5532

177.0314,
194.7839, 232.1922

■ 4.7486, 5.7872,
8.3633

216.9109,
237.9689, 282.0398

■ 2.1337, 2.7161,
4.2372

262.3703,

■ 0.7075, 0.9854,

287.1069, 338.5552

1.7563

313.7749,
342.5824, 402.1568

■ 0.0000, 0.0000,
0.3989

■ 0.0000, 0.0000,
0.0000

■ 48.5437, 54.7016,
68.3215

■ 48.5437, 54.7016,
68.3215

■ 43.5095, 50.7156,
67.8183

■ 54.3215, 59.1112,
68.8690

■ 39.1798, 47.1286,
67.3542

■ 60.8700, 63.9544,
69.4587

■ 35.5191, 43.9232,
66.9284

■ 68.2210, 69.2494,
70.0933

■ 32.4868, 41.0785,
66.5392

■ 76.4029, 75.0110,
70.7741

■ 30.0378, 38.5707,
66.1842

■ 78.7077, 77.7813,
71.1874

■ 28.1207, 36.3731,
65.8610

■ 79.7997, 79.9652,
71.5514

■ 26.6748, 34.4541,
65.5668

■ 80.9180, 82.2019,
71.9242

■ 25.5938, 32.7586,
65.2966

■ 82.0628, 84.4916,
72.3058

■ 25.5548, 32.6956,
65.2864

■ 83.2343, 86.8346,
72.6963

Harmonies

Analogous

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



47.6065, 54.7016, 61.7789



48.5437, 54.7016, 68.3215



50.4135, 54.7016, 72.7204

Triad

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



48.5437, 54.7016, 68.3215



56.4043, 54.7016, 64.2465



51.2309, 54.7016, 47.5428

Complementary

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



48.5437, 54.7016, 68.3215



48.8881, 47.4331, 43.6256

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.



53.6036, 54.7016, 48.0929



48.5437, 54.7016, 68.3215



56.6394, 54.7016, 57.3963

Square

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



48.5437, 54.7016, 68.3215



54.9674, 54.7016, 70.2459



55.6003, 54.7016, 51.5829



49.1264, 54.7016, 50.0181

Rectangle

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



48.5437, 54.7016, 68.3215



51.9617, 54.7016, 73.6621



55.6003, 54.7016, 51.5829



52.0228, 54.7016, 47.3846

Sweetspot

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



48.5453, 54.7038, 68.3227



88.6987, 95.3235, 108.3321



46.7386, 57.0422, 49.3719



18.8431, 20.2975, 23.1746



0.0000, 0.0000, 0.0000



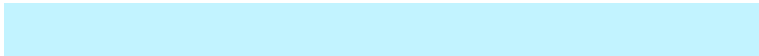
20.3446, 21.4041, 23.3091

Same Dimension

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



48.5453, 54.7038, 68.3227



72.3162, 82.8016, 106.7786



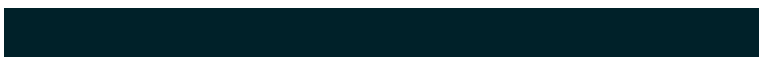
44.1785, 45.9703, 66.8671



11.9543, 12.9988, 15.1226



15.8259, 20.2984, 40.2764



0.9362, 1.2377, 2.2691

Inverse Universe

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



50.8410, 45.7788, 61.4175



76.6744, 66.2295, 93.5861



53.1070, 55.8708, 45.0319



12.2078, 11.9679, 14.3702



20.6189, 10.1204, 23.9632



1.1788, 0.5762, 1.4763

Previews

White Background



This preview shows how the XYZ color 48.5437, 54.7016, 68.3215 looks on a white background.

Color Contrast Check

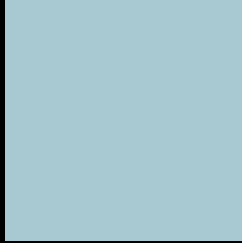
Large Text (above 18pt) WCAG AA × Fail

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 48.5437, 54.7016, 68.3215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

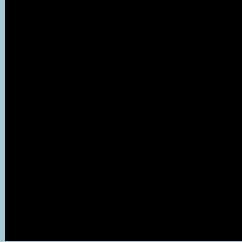
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.5437, 54.7016, 68.3215

Background



This preview shows how black text looks on a background with the XYZ color 48.5437, 54.7016, 68.3215.



This preview shows how white text looks on a background with the XYZ color 48.5437, 54.7016,

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

48.5437, 54.7016, 68.3215

Protanopia

52.8169, 54.5935, 65.5114

Deuteranopia

55.4091, 54.2202, 69.1732



Tritanopia

49.4111, 54.7014, 72.9199

Trichromacy



Original Color

48.5437, 54.7016, 68.3215

Protanomaly

51.1144, 54.7030, 66.2572

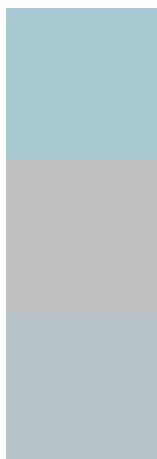
Deuteranomaly

52.4411, 53.9995, 68.6318

Tritanomaly

49.0267, 54.5477, 70.8956

Monochromacy



Original Color

48.5437, 54.7016, 68.3215

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.2366, 53.1747, 61.0948

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5437, 54.7016, 68.3215 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(168, 201, 209)` looks like.

```
.text, #text, p{  
    color:rgb(168, 201, 209)  
}
```

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(168, 201, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 201, 209) }
```

Border

The CSS property to change the border of an element to XYZ 48.5437, 54.7016, 68.3215 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(168, 201, 209) }
```


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

```
.border{ border-color:rgb(168, 201, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 201, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 201, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 201, 209);  
box-shadow:4px 4px 4px 4px rgb(168, 201,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5437, 54.7016, 68.3215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 201, 209) }
```

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

```
.background{ background-color: rgb(168,  
201, 209) }
```

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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