

Converting Colors

XYZ(48.2254, 54.4038, 54.4577)

Have a look what the booklet for
XYZ(48.2254, 54.4038, 54.4577)
contains.

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Color

**XYZ(48.3396, 54.5570,
54.4372)**

Conversions

Conversions Part 1

Format	Color
Hex	B4C8BA
RGB	180, 200, 186
RGB Percent	71%, 78%, 73%
CMY	0.2941, 0.2157, 0.2706
CMYK	0.10, 0.00, 0.07, 0.22
HSL	138°, 15%, 75%
HSV	138°, 10%, 78%
XYZ	48.3396, 54.5570, 54.4372
YIQ	192.4240, -7.4260, -8.5940

Conversions

Conversions Part 2

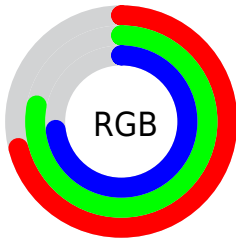
Format	Color
RYB	180, 195, 200
Decimal	11847866
CIELab	78.79, -9.45, 4.69
CIELCh	79, 10.547, 153.616
Yxy	54.5570, 0.3072, 0.3468
Android (android.graphics.Color)	4290037946 (0xFFB4C8BA)
YUV	192.4240, -3.1670, -10.8958
Hunter-Lab	73.8627, -12.4401, 8.0069

Details

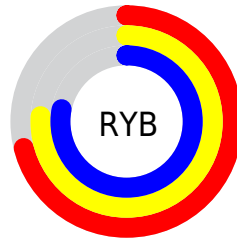
The XYZ color **48.3396, 54.5570, 54.4372** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.8802, 48.8183, 57.8354**, and the grayscale version is **50.3731, 52.9964, 57.7131**.

A 20% lighter version of the original color is **86.3791, 95.7637, 97.9360**, and **23.2649, 26.7632, 26.1299** is the 20% darker color. If you saturate the color by 10%, you get **42.5991, 51.7629, 46.7760**, and if you desaturate by 10%, it is **54.9009, 57.7605, 62.9005**.

Distribution



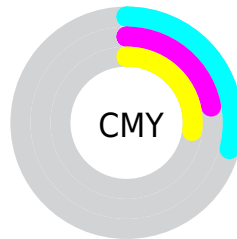
- Red (71%)
- Green (78%)
- Blue (73%)



- Red (71%)
- Yellow (76%)
- Blue (78%)



- Cyan (10%)
- Magenta (0%)
- Yellow (7%)
- Black (22%)



- Cyan (29%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.3396, 54.5570, 54.4372 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 48.3396, 54.5570, 54.4372 by changing the saturation by 10% instead.

■ 48.3396, 54.5570,
54.4372

■ 48.3396, 54.5570,
54.4372

370.6969,
404.2305, 420.9967

■ 34.3083, 39.0472,
38.5558

■ 86.9165, 96.8916,
98.1787

■ 23.2945, 26.7964,
26.1091

112.1927,
124.4851, 126.8759

■ 14.9330, 17.4204,
16.6788

141.9480,
156.8753, 160.6821

■ 8.8584, 10.5347,
9.8462

176.5476,
194.4466, 200.0158

■ 4.7053, 5.7549,
5.1928

216.3569,
237.5834, 245.2955

■ 2.1084, 2.6966,
2.3001

261.7413,

■ 0.6938, 0.9755,

286.6700, 296.9399

0.7313

313.0662,
342.0909, 355.3674

■ 0.0000, 0.0000,
0.0000

■ 48.3396, 54.5570,
54.4372

■ 48.3396, 54.5570,
54.4372

■ 42.5991, 51.7629,
46.7760

■ 54.9009, 57.7605,
62.9005

■ 37.6421, 49.3547,
39.8900

■ 62.3093, 61.3818,
72.1846

■ 33.4350, 47.3173,
33.7558

■ 70.5957, 65.4381,
82.3123

■ 29.9399, 45.6316,
28.3479

■ 77.9232, 68.9818,
93.2168

■ 27.1157, 44.2769,
23.6390

■ 79.9453, 69.7906,
103.8651

■ 24.9167, 43.2304,
19.6002

■ 23.2915, 42.4662,
16.2004

■ 22.1796, 41.9536,
13.4062

■ 21.4708, 41.6368,
11.1792

Harmonies

Analogous

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



49.6630, 54.5570, 50.3305



48.3396, 54.5570, 54.4372



47.9491, 54.5570, 60.1316

Triad

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



48.3396, 54.5570, 54.4372



52.1085, 54.5570, 71.6375



55.2717, 54.5570, 53.2605

Complementary

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



48.3396, 54.5570, 54.4372



49.8802, 48.8183, 57.8354

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.



55.9671, 54.5570, 58.6809



48.3396, 54.5570, 54.4372



54.1101, 54.5570, 69.5057

Square

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



48.3396, 54.5570, 54.4372



50.0905, 54.5570, 70.3142



55.5364, 54.5570, 64.6626



53.6601, 54.5570, 49.6839

Rectangle

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



48.3396, 54.5570, 54.4372



48.2614, 54.5570, 64.1311



55.5364, 54.5570, 64.6626



55.6223, 54.5570, 54.9138

Sweetspot

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



48.3411, 54.5593, 54.4384



91.4410, 98.2377, 104.2930



51.2284, 56.1199, 51.3130



19.3706, 20.9285, 22.0642



0.0000, 0.0000, 0.0000



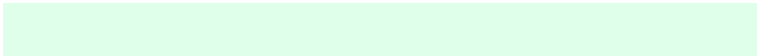
20.3446, 21.4041, 23.3091

Same Dimension

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



48.3411, 54.5593, 54.4384



81.4154, 93.3476, 91.2519



49.4044, 54.9846, 60.0373



10.6262, 11.9394, 11.9819



13.6861, 26.4868, 7.2918



0.6806, 1.2672, 0.5166

Inverse Universe

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



49.8802, 48.8183, 57.8354



84.6104, 81.4294, 98.3029



48.8291, 48.3978, 52.3001



10.9423, 10.7603, 12.6796



18.1965, 9.0282, 16.7767



0.8925, 0.4398, 0.9571

Previews

White Background



This preview shows how the XYZ color 48.3396, 54.5570, 54.4372 looks on a white background.

Color Contrast Check

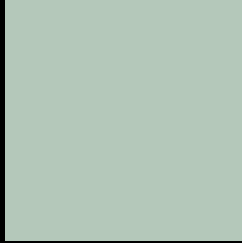
Large Text (above 18pt) WCAG AA × Fail

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 48.3396, 54.5570, 54.4372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

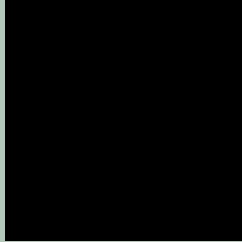
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

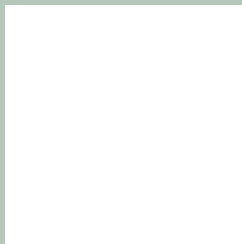
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.3396, 54.5570, 54.4372

Background



This preview shows how black text looks on a background with the XYZ color 48.3396, 54.5570, 54.4372.



This preview shows how white text looks on a background with the XYZ color 48.3396, 54.5570,

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

48.3396, 54.5570, 54.4372

Protanopia

51.9264, 54.4200, 52.5670

Deuteranopia

55.3792, 54.1962, 55.1191



Tritanopia

51.3908, 54.4237, 70.0836

Trichromacy



Original Color

48.3396, 54.5570, 54.4372

Protanomaly

50.3840, 54.2780, 53.1686

Deuteranomaly

52.4479, 53.9836, 54.6693

Tritanomaly

50.2742, 54.3116, 64.3334

Monochromacy



Original Color

48.3396, 54.5570, 54.4372

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.5484, 53.4393, 56.4185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3396, 54.5570, 54.4372 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(180, 200, 186)` looks like.

```
.text, #text, p{  
    color:rgb(180, 200, 186)  
}
```

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(180, 200, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 200, 186) }
```

Border

The CSS property to change the border of an element to XYZ 48.3396, 54.5570, 54.4372 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(180, 200, 186) }
```


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

```
.border{ border-color:rgb(180, 200, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 200, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 200, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 200, 186);  
box-shadow:4px 4px 4px 4px rgb(180, 200,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3396, 54.5570, 54.4372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 200, 186) }
```

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

```
.background{ background-color: rgb(180,  
200, 186) }
```

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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