

Converting Colors

XYZ(48.2451, 53.2540, 54.8570)

Have a look what the booklet for
XYZ(48.2451, 53.2540, 54.8570)
contains.

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Color

**XYZ(48.2380, 53.1350,
54.7274)**

Conversions

Conversions Part 1

Format	Color
Hex	B7C4BB
RGB	183, 196, 187
RGB Percent	72%, 77%, 73%
CMY	0.2823, 0.2314, 0.2667
CMYK	0.07, 0.00, 0.05, 0.23
HSL	138°, 10%, 74%
HSV	138°, 7%, 77%
XYZ	48.2380, 53.1350, 54.7274
YIQ	191.0870, -4.8590, -5.5550

Conversions

Conversions Part 2

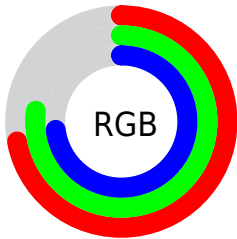
Format	Color
RYB	183, 193, 196
Decimal	12043451
CIELab	77.95, -6.15, 2.97
CIELCh	78, 6.829, 154.190
Yxy	53.1350, 0.3090, 0.3404
Android (android.graphics.Color)	4290233531 (0xFFB7C4BB)
YUV	191.0870, -2.0149, -7.0923
Hunter-Lab	72.8938, -9.4403, 6.5117

Details

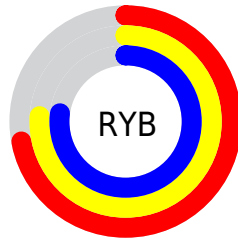
The XYZ color **48.2380, 53.1350, 54.7274** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.2148, 49.4098, 56.8148**, and the grayscale version is **49.5863, 52.1686, 56.8116**.

A 20% lighter version of the original color is **86.8995, 95.0723, 98.5647**, and **23.1820, 25.8131, 26.3149** is the 20% darker color. If you saturate the color by 10%, you get **42.5120, 50.3447, 47.2309**, and if you desaturate by 10%, it is **54.7536, 56.3195, 62.9798**.

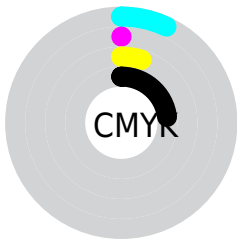
Distribution



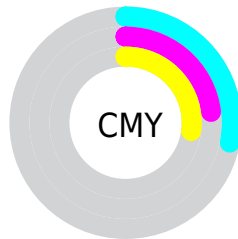
- Red (72%)
- Green (77%)
- Blue (73%)



- Red (72%)
- Yellow (76%)
- Blue (77%)



- Cyan (7%)
- Magenta (0%)
- Yellow (5%)
- Black (23%)



- Cyan (28%)
- Magenta (23%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.2380, 53.1350, 54.7274 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 48.2380, 53.1350, 54.7274 by changing the saturation by 10% instead.

■ 48.2380, 53.1350,
54.7274

■ 48.2380, 53.1350,
54.7274

370.3016,
398.8028, 422.1306

■ 34.2274, 37.9106,
38.7864

■ 86.7662, 94.8030,
98.6086

■ 23.2321, 25.9133,
26.2870

112.0146,
122.0153, 127.3858

■ 14.8866, 16.7588,
16.8108

141.7396,
153.9924, 161.2789

■ 8.8256, 10.0626,
9.9392

176.3066,
191.1186, 200.7063

■ 4.6838, 5.4405,
5.2536

216.0809,
233.7784, 246.0867

■ 2.0958, 2.5080,
2.3355

261.4280,

■ 0.6869, 0.8806,

282.3561, 297.8385

0.7510

312.7131,
337.2361, 356.3803

■ 0.0000, 0.0000,
0.0000

■ 48.2380, 53.1350,
54.7274

■ 48.2380, 53.1350,
54.7274

■ 42.5120, 50.3447,
47.2309

■ 54.7536, 56.3195,
62.9798

■ 37.5406, 47.9264,
40.4657

■ 62.0830, 59.9058,
72.0049

■ 33.2929, 45.8662,
34.4106

■ 70.2550, 63.9098,
81.8235

■ 29.7339, 44.1467,
29.0425

■ 76.9007, 67.1098,
92.3423

■ 26.8258, 42.7486,
24.3368

■ 79.0076, 67.9526,
103.4375

■ 24.5270, 41.6512,
20.2675

■ 79.0310, 67.9619,
103.5603

■ 22.7906, 40.8309,
16.8067

■ 21.5629, 40.2605,
13.9245

■ 20.7738, 39.9046,
11.5880

Harmonies

Analogous

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



49.0811, 53.1350, 52.0112



48.2380, 53.1350, 54.7274



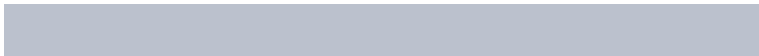
47.9978, 53.1350, 58.3912

Triad

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



48.2380, 53.1350, 54.7274



50.6901, 53.1350, 65.4634



52.6461, 53.1350, 53.8400

Complementary

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



48.2380, 53.1350, 54.7274



49.2148, 49.4098, 56.8148

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.



53.0943, 53.1350, 57.3221



48.2380, 53.1350, 54.7274



51.9525, 53.1350, 64.1208

Square

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



48.2380, 53.1350, 54.7274



49.3990, 53.1350, 64.6950



52.8383, 53.1350, 61.0995



51.6238, 53.1350, 51.5149

Rectangle

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



48.2380, 53.1350, 54.7274



48.2084, 53.1350, 60.9052



52.8383, 53.1350, 61.0995



52.8698, 53.1350, 54.9083

Sweetspot

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



48.2395, 53.1373, 54.7286



92.6351, 98.8202, 105.8466



50.0528, 54.1209, 52.6087



19.8530, 21.1639, 22.6876



0.0000, 0.0000, 0.0000



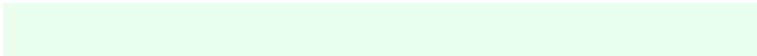
20.3446, 21.4041, 23.3091

Same Dimension

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



48.2395, 53.1373, 54.7286



85.7476, 95.4576, 97.0276



48.9405, 53.4177, 58.4198



10.0692, 11.3087, 11.3676



13.2471, 25.5929, 7.1943



0.6039, 1.1184, 0.4769

Inverse Universe

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



49.2148, 49.4098, 56.8148



87.8898, 87.2702, 101.6098



48.5205, 49.1321, 53.1589



10.3611, 10.1930, 11.9920



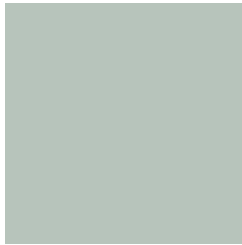
17.5094, 8.6935, 15.8602



0.7862, 0.3875, 0.8414

Previews

White Background



This preview shows how the XYZ color 48.2380, 53.1350, 54.7274 looks on a white background.

Color Contrast Check

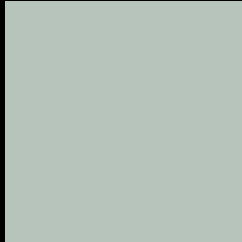
Large Text (above 18pt) WCAG AA × Fail

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 48.2380, 53.1350, 54.7274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

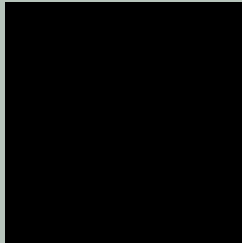
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

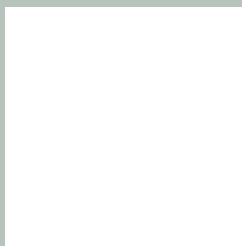
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.2380, 53.1350, 54.7274

Background



This preview shows how black text looks on a background with the XYZ color 48.2380, 53.1350, 54.7274.



This preview shows how white text looks on a background with the XYZ color 48.2380, 53.1350,

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

48.2380, 53.1350, 54.7274

Protanopia

50.8953, 53.2078, 53.4866

Deuteranopia

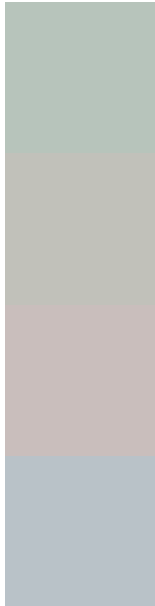
53.8956, 52.7890, 55.4928



Tritanopia

50.7048, 53.1331, 67.2578

Trichromacy



Original Color

48.2380, 53.1350, 54.7274

Protanomaly

49.9252, 53.0226, 54.0574

Deuteranomaly

51.5780, 52.8753, 55.0644

Tritanomaly

49.7247, 53.0680, 62.2660

Monochromacy



Original Color

48.2380, 53.1350, 54.7274

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.1033, 52.5490, 56.2701

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.2380, 53.1350, 54.7274 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(183, 196, 187)` looks like.

```
.text, #text, p{  
    color:rgb(183, 196, 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(183, 196, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 196, 187) }
```

Border

The CSS property to change the border of an element to XYZ 48.2380, 53.1350, 54.7274 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(183, 196, 187) }
```


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

```
.border{ border-color:rgb(183, 196, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 196, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 196, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 196, 187);  
box-shadow:4px 4px 4px 4px rgb(183, 196,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 48.2380, 53.1350, 54.7274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 196, 187) }
```

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

```
.background{ background-color: rgb(183,  
196, 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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