

Converting Colors

XYZ(48.6432, 53.8634, 51.6768)

Have a look what the booklet for
XYZ(48.6432, 53.8634, 51.6768)
contains.

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Color

**XYZ(48.5564, 53.7078,
51.5235)**

Conversions

Conversions Part 1

Format	Color
Hex	BAC5B5
RGB	186, 197, 181
RGB Percent	73%, 77%, 71%
CMY	0.2706, 0.2274, 0.2902
CMYK	0.06, 0.00, 0.08, 0.23
HSL	101°, 12%, 74%
HSV	101°, 8%, 77%
XYZ	48.5564, 53.7078, 51.5235
YIQ	191.8870, -1.4200, -7.3080

Conversions

Conversions Part 2

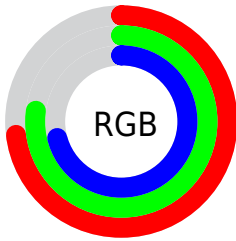
Format	Color
RYB	181, 197, 192
Decimal	12240309
CIELab	78.29, -6.72, 6.72
CIELCh	78, 9.504, 135.013
Yxy	53.7078, 0.3157, 0.3492
Android (android.graphics.Color)	4290430389 (0xFFBAC5B5)
YUV	191.8870, -5.3673, -5.1629
Hunter-Lab	73.2856, -9.9821, 9.6160

Details

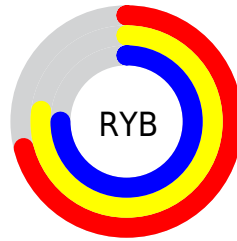
The XYZ color **48.5564, 53.7078, 51.5235** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.3423, 48.2869, 59.5985**, and the grayscale version is **50.0692, 52.6766, 57.3649**.

A 20% lighter version of the original color is **87.3458, 95.8753, 94.0229**, and **23.3916, 26.1900, 24.2444** is the 20% darker color. If you saturate the color by 10%, you get **43.5402, 51.3407, 41.4725**, and if you desaturate by 10%, it is **54.1735, 56.3547, 63.0970**.

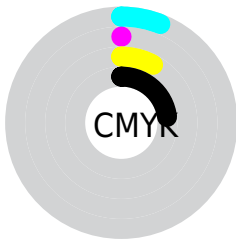
Distribution



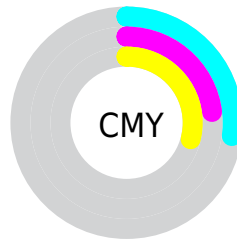
- Red (73%)
- Green (77%)
- Blue (71%)



- Red (71%)
- Yellow (77%)
- Blue (75%)



- Cyan (6%)
- Magenta (0%)
- Yellow (8%)
- Black (23%)



- Cyan (27%)
- Magenta (23%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.5564, 53.7078, 51.5235 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 48.5564, 53.7078, 51.5235 by changing the saturation by 10% instead.

■ 48.5564, 53.7078,
51.5235

■ 48.5564, 53.7078,
51.5235

371.5393,
400.9948, 409.4988

■ 34.4808, 38.3681,
36.2458

■ 87.2369, 95.6451,
93.8475

■ 23.4278, 26.2685,
24.3329

112.5726,
123.0115, 121.7309

■ 15.0322, 17.0246,
15.3663

142.3923,
155.1555, 154.6533

■ 8.9284, 10.2520,
8.9274

177.0615,
192.4616, 193.0332

■ 4.7513, 5.5664,
4.5977

216.9454,
235.3142, 237.2892

■ 2.1353, 2.5833,
1.9586

262.4094,

■ 0.7083, 0.9183,

284.0977, 287.8397

0.5297

313.8190,
339.1964, 345.1034

■ 0.0000, 0.0000,
0.0000

■ 48.5564, 53.7078,
51.5235

■ 48.5564, 53.7078,
51.5235

■ 43.5402, 51.3407,
41.4725

■ 54.1735, 56.3547,
63.0970

■ 39.0999, 49.2373,
32.8772

■ 60.4065, 59.2833,
76.2490

■ 35.2151, 47.3901,
25.6711

■ 67.2756, 62.5043,
91.0370

■ 31.8626, 45.7887,
19.7811

■ 74.0153, 65.7123,
103.3905

■ 29.0174, 44.4220,
15.1275

■ 78.7920, 68.1747,
103.6140

■ 26.6523, 43.2779,
11.6219

■ 79.2573, 68.4146,
103.6358

■ 24.7372, 42.3430,
9.1642

■ 23.2379, 41.6023,
7.6370

■ 22.1076, 41.0356,
6.8617

Harmonies

Analogous

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



50.1256, 53.7078, 49.1212



48.5564, 53.7078, 51.5235



47.6658, 53.7078, 55.8663

Triad

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



48.5564, 53.7078, 51.5235



50.1272, 53.7078, 68.9563



54.5854, 53.7078, 55.8618

Complementary

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



48.5564, 53.7078, 51.5235



48.3423, 48.2869, 59.5985

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.



54.5858, 53.7078, 61.1712



48.5564, 53.7078, 51.5235



51.9810, 53.7078, 68.9549

Square

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



48.5564, 53.7078, 51.5235



48.5575, 53.7078, 66.0368



53.6227, 53.7078, 66.0332



53.6215, 53.7078, 51.5204

Rectangle

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



48.5564, 53.7078, 51.5235



47.5626, 53.7078, 59.3795



53.6227, 53.7078, 66.0332



54.6990, 53.7078, 57.5870

Sweetspot

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



48.5579, 53.7101, 51.5247



92.9612, 99.0168, 104.5729



50.2036, 52.8788, 51.2775



19.9195, 21.2040, 22.4282



0.0000, 0.0000, 0.0000



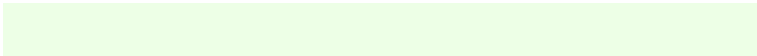
20.3446, 21.4041, 23.3091

Same Dimension

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



48.5579, 53.7101, 51.5247



85.0537, 95.2900, 88.4053



47.6687, 53.2166, 53.0713



10.8041, 12.0459, 11.3184



14.4972, 26.9689, 4.4414



0.7619, 1.3159, 0.2138

Inverse Universe

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



48.3423, 48.2869, 59.5985



84.5775, 83.3160, 106.2316



49.2969, 48.8175, 57.9051



10.7483, 10.6440, 13.4055



13.3384, 6.1105, 35.2208



0.7037, 0.3265, 1.6711

Previews

White Background



This preview shows how the XYZ color 48.5564, 53.7078, 51.5235 looks on a white background.

Color Contrast Check

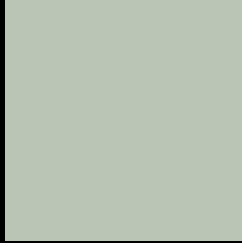
Large Text (above 18pt) WCAG AA × Fail

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 48.5564, 53.7078, 51.5235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

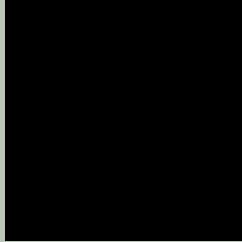
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

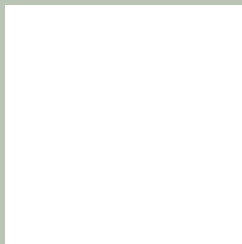
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.5564, 53.7078, 51.5235

Background



This preview shows how black text looks on a background with the XYZ color 48.5564, 53.7078, 51.5235.



This preview shows how white text looks on a background with the XYZ color 48.5564, 53.7078,

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

48.5564, 53.7078, 51.5235

Protanopia

51.0261, 53.6740, 50.3186

Deuteranopia

54.6365, 53.5585, 52.2579



Tritanopia

51.6903, 53.6411, 67.3039

Trichromacy



Original Color

48.5564, 53.7078, 51.5235

Protanomaly

50.0357, 53.4810, 50.8657

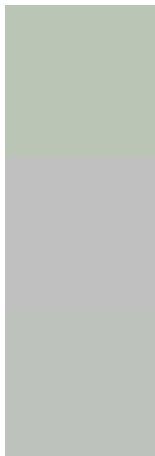
Deuteranomaly

52.2511, 53.6181, 51.8514

Tritanomaly

50.4711, 53.4796, 61.0886

Monochromacy



Original Color

48.5564, 53.7078, 51.5235

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.6041, 53.1616, 55.2237

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5564, 53.7078, 51.5235 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(186, 197, 181)` looks like.

```
.text, #text, p{  
    color:rgb(186, 197, 181)  
}
```

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(186, 197, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 197, 181) }
```

Border

The CSS property to change the border of an element to XYZ 48.5564, 53.7078, 51.5235 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(186, 197, 181) }
```


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

```
.border{ border-color:rgb(186, 197, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 197, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 197, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 197, 181);  
box-shadow:4px 4px 4px 4px rgb(186, 197,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5564, 53.7078, 51.5235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 197, 181) }
```

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

```
.background{ background-color: rgb(186,  
197, 181) }
```

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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