

Converting Colors

XYZ(48.2545, 53.3147, 52.3348)

Have a look what the booklet for
XYZ(48.2545, 53.3147, 52.3348)
contains.

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Color

**XYZ(48.2948, 53.2130,
52.5255)**

Conversions

Conversions Part 1

Format	Color
Hex	B9C4B7
RGB	185, 196, 183
RGB Percent	73%, 77%, 72%
CMY	0.2745, 0.2314, 0.2823
CMYK	0.06, 0.00, 0.07, 0.23
HSL	111°, 10%, 74%
HSV	111°, 7%, 77%
XYZ	48.2948, 53.2130, 52.5255
YIQ	191.2290, -2.3830, -6.3750

Conversions

Conversions Part 2

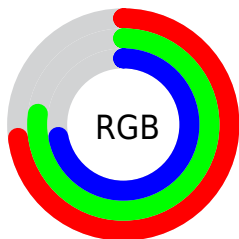
Format	Color
RYB	183, 196, 194
Decimal	12174519
CIELab	78.00, -6.19, 5.21
CIELCh	78, 8.093, 139.886
Yxy	53.2130, 0.3135, 0.3455
Android (android.graphics.Color)	4290364599 (0xFFB9C4B7)
YUV	191.2290, -4.0569, -5.4628
Hunter-Lab	72.9472, -9.4816, 8.3714

Details

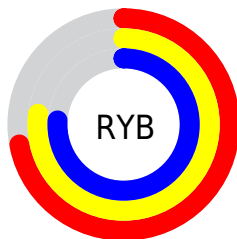
The XYZ color **48.2948, 53.2130, 52.5255** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.1474, 49.3232, 59.1572**, and the grayscale version is **49.6792, 52.2663, 56.9181**.

A 20% lighter version of the original color is **86.9809, 95.1833, 95.4492**, and **23.2180, 25.8632, 24.8875** is the 20% darker color. If you saturate the color by 10%, you get **42.6249, 50.5111, 42.3421**, and if you desaturate by 10%, it is **54.7186, 56.2737, 64.2295**.

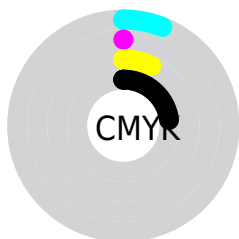
Distribution



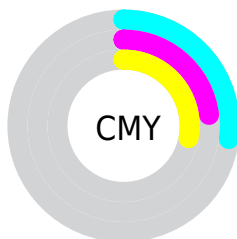
- Red (73%)
- Green (77%)
- Blue (72%)



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



- Cyan (6%)
- Magenta (0%)
- Yellow (7%)
- Black (23%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.2948, 53.2130, 52.5255 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 48.2948, 53.2130, 52.5255 by changing the saturation by 10% instead.

■ 48.2948, 53.2130,
52.5255

■ 48.2948, 53.2130,
52.5255

370.5226,
399.1018, 413.4765

■ 34.2726, 37.9728,
37.0390

■ 86.8502, 94.9177,
95.3402

■ 23.2670, 25.9616,
24.9417

112.1142,
122.1511, 123.5055

■ 14.9126, 16.7949,
15.8150

141.8561,
154.1509, 156.7342

■ 8.8440, 10.0884,
9.2404

176.4413,
191.3017, 195.4447

■ 4.6958, 5.4576,
4.7994

216.2352,
233.9878, 240.0557

■ 2.1028, 2.5182,
2.0733

261.6032,

■ 0.6908, 0.8857,

282.5936, 290.9856

0.5998

312.9105,
337.5034, 348.6530

■ 0.0000, 0.0000,
0.0000

■ 48.2948, 53.2130,
52.5255

■ 48.2948, 53.2130,
52.5255

■ 42.6249, 50.5111,
42.3421

■ 54.7186, 56.2737,
64.2295

■ 37.6769, 48.1484,
33.6135

■ 61.9180, 59.6987,
77.5091

■ 33.4228, 46.1134,
26.2744

■ 69.9196, 63.5019,
92.4212

■ 29.8312, 44.3914,
20.2531

■ 77.6986, 67.2750,
103.4980

■ 26.8684, 42.9668,
15.4715

■ 79.0309, 67.9618,
103.5603

■ 24.4974, 41.8223,
11.8432

■ 22.6774, 40.9391,
9.2708

■ 21.3621, 40.2958,
7.6409

■ 20.4953, 39.8665,
6.8043

Harmonies

Analogous

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



49.5534, 53.2130, 50.1550



48.2948, 53.2130, 52.5255



47.6520, 53.2130, 56.4291

Triad

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



48.2948, 53.2130, 52.5255



50.0470, 53.2130, 66.9117



53.4812, 53.2130, 55.0373

Complementary

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



48.2948, 53.2130, 52.5255



49.1474, 49.3232, 59.1572

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.



53.6200, 53.2130, 59.4775



48.2948, 53.2130, 52.5255



51.6153, 53.2130, 66.4913

Square

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



48.2948, 53.2130, 52.5255



48.6497, 53.2130, 64.8346



52.9307, 53.2130, 63.7142



52.5553, 53.2130, 51.5522

Rectangle

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



48.2948, 53.2130, 52.5255



47.6500, 53.2130, 59.4430



52.9307, 53.2130, 63.7142



53.6222, 53.2130, 56.4624

Sweetspot

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



48.2963, 53.2153, 52.5267



92.6697, 98.8665, 104.5592



50.5691, 53.6665, 52.4940



19.8601, 21.1734, 22.4254



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.



48.2963, 53.2153, 52.5267



85.8696, 95.6269, 92.2266



48.2754, 53.1516, 54.9173



10.0855, 11.3315, 10.7175



13.0776, 25.5706, 4.2464



0.6119, 1.1290, 0.1857

Inverse Universe

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



49.1474, 49.3232, 59.1572



87.7389, 87.0776, 106.7911



49.1778, 49.3951, 56.6200



10.3402, 10.1665, 12.7022



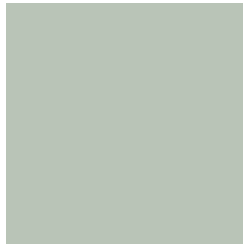
16.5458, 7.7901, 34.1882



0.7569, 0.3582, 1.4791

Previews

White Background



This preview shows how the XYZ color 48.2948, 53.2130, 52.5255 looks on a white background.

Color Contrast Check

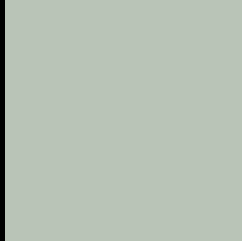
Large Text (above 18pt) WCAG AA × Fail

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 48.2948, 53.2130, 52.5255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

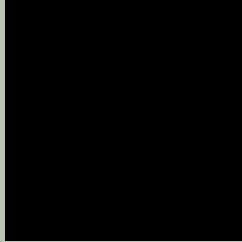
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

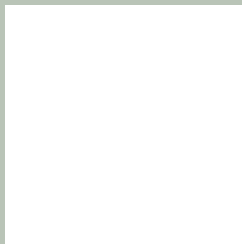
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.2948, 53.2130, 52.5255

Background



This preview shows how black text looks on a background with the XYZ color 48.2948, 53.2130, 52.5255.



This preview shows how white text looks on a background with the XYZ color 48.2948, 53.2130,

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

48.2948, 53.2130, 52.5255

Protanopia

50.7433, 53.1776, 51.3059

Deuteranopia

54.0474, 52.9167, 53.2643



Tritanopia

51.2211, 53.0722, 67.2188

Trichromacy



Original Color

48.2948, 53.2130, 52.5255

Protanomaly

49.7616, 52.9867, 51.8607

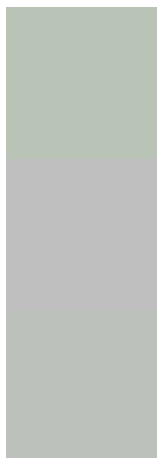
Deuteranomaly

51.6938, 52.9841, 52.8498

Tritanomaly

50.1178, 52.9548, 61.6126

Monochromacy



Original Color

48.2948, 53.2130, 52.5255

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.1333, 52.5896, 55.1382

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.2948, 53.2130, 52.5255 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(185, 196, 183)` looks like.

```
.text, #text, p{  
    color:rgb(185, 196, 183)  
}
```

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(185, 196, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 196, 183) }
```

Border

The CSS property to change the border of an element to XYZ 48.2948, 53.2130, 52.5255 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(185, 196, 183) }
```


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

```
.border{ border-color:rgb(185, 196, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 196, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 196, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 196, 183);  
box-shadow:4px 4px 4px 4px rgb(185, 196,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 48.2948, 53.2130, 52.5255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 196, 183) }
```

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

```
.background{ background-color: rgb(185,  
196, 183) }
```

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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