

Converting Colors

XYZ(48.9439, 52.3932, 52.9531)

Have a look what the booklet for
XYZ(48.9439, 52.3932, 52.9531)
contains.

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Color

**XYZ(48.9569, 52.5478,
52.9098)**

Conversions

Conversions Part 1

Format	Color
Hex	BEC1B8
RGB	190, 193, 184
RGB Percent	75%, 76%, 72%
CMY	0.2549, 0.2431, 0.2784
CMYK	0.02, 0.00, 0.05, 0.24
HSL	80°, 7%, 74%
HSV	80°, 5%, 76%
XYZ	48.9569, 52.5478, 52.9098
YIQ	191.0770, 1.1010, -3.4350

Conversions

Conversions Part 2

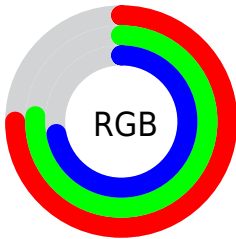
Format	Color
RYB	184, 193, 187
Decimal	12501432
CIELab	77.61, -2.68, 4.15
CIELCh	78, 4.943, 122.813
Yxy	52.5478, 0.3170, 0.3403
Android (android.graphics.Color)	4290691512 (0xFFBEC1B8)
YUV	191.0770, -3.4890, -0.9445
Hunter-Lab	72.4899, -6.3051, 7.4676

Details

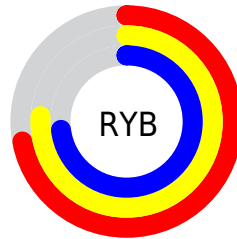
The XYZ color **48.9569, 52.5478, 52.9098** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.2617, 48.6974, 57.3634**, and the grayscale version is **49.5863, 52.1687, 56.8117**.

A 20% lighter version of the original color is **87.6099, 93.6355, 95.8940**, and **23.7913, 25.7132, 25.1819** is the 20% darker color. If you saturate the color by 10%, you get **45.4978, 50.9841, 42.8977**, and if you desaturate by 10%, it is **52.7661, 54.2631, 64.3814**.

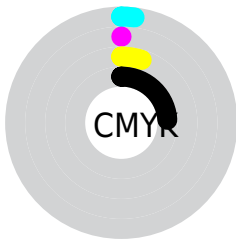
Distribution



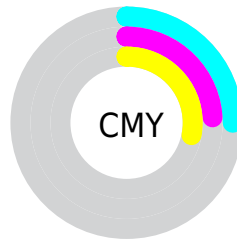
- Red (75%)
- Green (76%)
- Blue (72%)



- Red (72%)
- Yellow (76%)
- Blue (73%)



- Cyan (2%)
- Magenta (0%)
- Yellow (5%)
- Black (24%)



- Cyan (25%)
- Magenta (24%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.9569, 52.5478, 52.9098 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 48.9569, 52.5478, 52.9098 by changing the saturation by 10% instead.

■ 48.9569, 52.5478,
52.9098

■ 48.9569, 52.5478,
52.9098

373.0924,
396.5478, 414.9954

■ 34.7997, 37.4419,
37.3435

■ 87.8285, 93.9386,
95.9118

■ 23.6744, 25.5498,
25.1757

113.2737,
120.9923, 124.1847

■ 15.2157, 16.4872,
15.9878

143.2122,
152.7975, 157.5301

■ 9.0582, 9.8695,
9.3613

178.0094,
189.7384, 196.3667

■ 4.8366, 5.3125,
4.8775

218.0306,
232.1995, 241.1130

■ 2.1855, 2.4318,
2.1181

263.6413,

■ 0.7351, 0.8422,

280.5651, 292.1875

0.6265

315.2068,
335.2198, 350.0088

■ 0.0000, 0.0000,
0.0000

■ 48.9569, 52.5478,
52.9098

■ 48.9569, 52.5478,
52.9098

■ 45.4978, 50.9841,
42.8977

■ 52.7661, 54.2631,
64.3814

■ 42.3723, 49.5603,
34.2831

■ 56.9324, 56.1278,
77.3643

■ 39.5693, 48.2735,
27.0047

■ 61.4680, 58.1487,
91.9120

■ 37.0749, 47.1180,
20.9953

■ 65.3681, 59.9239,
102.7289

■ 34.8743, 46.0878,
16.1819

■ 67.3052, 60.9225,
102.8196

■ 32.9513, 45.1763,
12.4839

■ 69.3176, 61.9600,
102.9138

■ 31.2877, 44.3762,
9.8109

■ 71.4063, 63.0367,
103.0115

■ 29.8627, 43.6789,
8.0585

■ 73.5718, 64.1531,
103.1129

■ 28.6511, 43.0742,
7.0998

■ 75.8152, 65.3096,
103.2179

Harmonies

Analogous

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



49.8551, 52.5478, 52.1235



48.9569, 52.5478, 52.9098



48.3299, 52.5478, 54.8470

Triad

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



48.9569, 52.5478, 52.9098



49.1111, 52.5478, 62.0208



51.8012, 52.5478, 56.9580

Complementary

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



48.9569, 52.5478, 52.9098



47.2617, 48.6974, 57.3634

Split Complementary

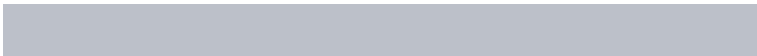
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



51.5959, 52.5478, 59.6515



48.9569, 52.5478, 52.9098



50.0353, 52.5478, 62.6290

Square

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



48.9569, 52.5478, 52.9098



48.4181, 52.5478, 60.1122



50.9465, 52.5478, 61.7489



51.5039, 52.5478, 54.4136

Rectangle

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



48.9569, 52.5478, 52.9098



48.1458, 52.5478, 56.5604



50.9465, 52.5478, 61.7489



51.7887, 52.5478, 57.8759

Sweetspot

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



48.9584, 52.5501, 52.9109



90.0956, 95.2012, 101.9476



48.4163, 50.3405, 52.5130



19.3359, 20.4272, 21.8934



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



48.9584, 52.5501, 52.9109



86.7569, 93.6959, 92.0386



47.8518, 51.9796, 52.8592



10.7976, 11.6846, 11.3852



18.7538, 28.4968, 4.5120



0.8809, 1.2677, 0.1983

Inverse Universe

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



47.2617, 48.6974, 57.3634



82.8251, 84.7679, 102.3568



48.3798, 49.2739, 57.4158



10.2707, 10.4882, 12.7679



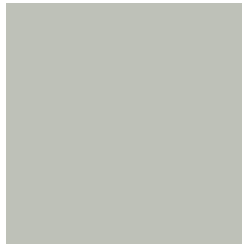
7.9019, 3.3340, 33.7837



0.4154, 0.1822, 1.4632

Previews

White Background



This preview shows how the XYZ color 48.9569, 52.5478, 52.9098 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 48.9569, 52.5478, 52.9098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

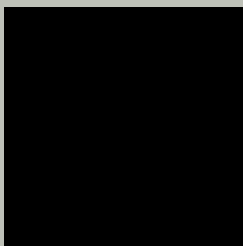
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

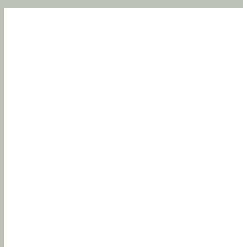
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.9569, 52.5478, 52.9098

Background



This preview shows how black text looks on a background with the XYZ color 48.9569, 52.5478, 52.9098.



This preview shows how white text looks on a background with the XYZ color 48.9569, 52.5478,

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

48.9569, 52.5478, 52.9098

Protanopia

50.2040, 52.5508, 52.2970

Deuteranopia

53.3633, 52.2401, 53.7252



Tritanopia

51.4252, 52.5721, 65.1946

Trichromacy



Original Color

48.9569, 52.5478, 52.9098

Protanomaly

49.6450, 52.5875, 52.3336

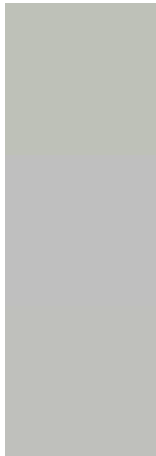
Deuteranomaly

51.6420, 52.3066, 53.2733

Tritanomaly

50.4471, 52.4993, 60.2979

Monochromacy



Original Color

48.9569, 52.5478, 52.9098

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.4126, 52.4065, 55.0881

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9569, 52.5478, 52.9098 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(190, 193, 184) looks like.

```
.text, #text, p{  
    color:rgb(190, 193, 184)  
}
```

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(190, 193, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 193, 184) }
```

Border

The CSS property to change the border of an element to XYZ 48.9569, 52.5478, 52.9098 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(190, 193, 184) }
```


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

```
.border{ border-color:rgb(190, 193, 184) }
```

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

Here you see how a box with a 4 pixel rgb(190, 193, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 193, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 193, 184);  
box-shadow:4px 4px 4px 4px rgb(190, 193,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9569, 52.5478, 52.9098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 193, 184) }
```

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

```
.background{ background-color: rgb(190,  
193, 184) }
```

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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