

Converting Colors

XYZ(49.1196, 54.0736, 54.2576)

Have a look what the booklet for
XYZ(49.1196, 54.0736, 54.2576)
contains.

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Color

**XYZ(49.0789, 53.9168,
54.2746)**

Conversions

Conversions Part 1

Format	Color
Hex	BAC5BA
RGB	186, 197, 186
RGB Percent	73%, 77%, 73%
CMY	0.2706, 0.2274, 0.2706
CMYK	0.06, 0.00, 0.06, 0.23
HSL	120°, 9%, 75%
HSV	120°, 6%, 77%
XYZ	49.0789, 53.9168, 54.2746
YIQ	192.4570, -3.0250, -5.7530

Conversions

Conversions Part 2

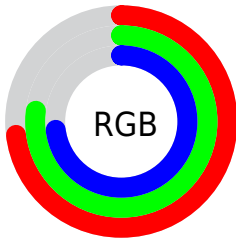
Format	Color
RYB	186, 197, 197
Decimal	12240314
CIELab	78.41, -5.82, 4.20
CIELCh	78, 7.179, 144.161
Yxy	53.9168, 0.3121, 0.3428
Android (android.graphics.Color)	4290430394 (0xFFBAC5BA)
YUV	192.4570, -3.1833, -5.6628
Hunter-Lab	73.4281, -9.1907, 7.5752

Details

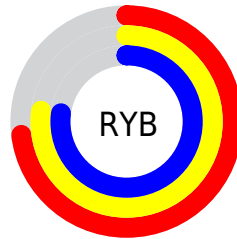
The XYZ color **49.0789, 53.9168, 54.2746** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.6649, 51.0207, 60.0037**, and the grayscale version is **50.3907, 53.0149, 57.7332**.

A 20% lighter version of the original color is **88.0868, 96.1717, 97.9247**, and **23.7290, 26.3249, 26.0209** is the 20% darker color. If you saturate the color by 10%, you get **42.6669, 50.8384, 43.7854**, and if you desaturate by 10%, it is **56.4425, 57.4555, 66.3179**.

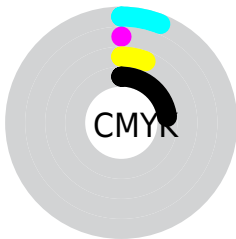
Distribution



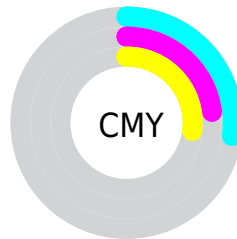
- Red (73%)
- Green (77%)
- Blue (73%)



- Red (73%)
- Yellow (77%)
- Blue (77%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.0789, 53.9168, 54.2746 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 49.0789, 53.9168, 54.2746 by changing the saturation by 10% instead.

■ 49.0789, 53.9168,
54.2746

■ 49.0789, 53.9168,
54.2746

373.5647,
401.7927, 420.3605

■ 34.8969, 38.5351,
38.4266

■ 88.0086, 95.9521,
97.9378

■ 23.7496, 26.3983,
26.0095

113.4871,
123.3745, 126.5900

■ 15.2717, 17.1218,
16.6049

143.4617,
155.5793, 160.3474

■ 9.0978, 10.3214,
9.7943

178.2978,
192.9508, 199.6285

■ 4.8627, 5.6126,
5.1589

218.3608,
235.8736, 244.8518

■ 2.2008, 2.6110,
2.2805

264.0160,

■ 0.7432, 0.9322,

284.7318, 296.4358

0.7202

315.6289,
339.9101, 354.7992

■ 0.0000, 0.0000,
0.0000

■ 49.0789, 53.9168,
54.2746

■ 49.0789, 53.9168,
54.2746

■ 42.6669, 50.8384,
43.7854

■ 56.4425, 57.4555,
66.3179

■ 37.1636, 48.1948,
34.7836

■ 64.7897, 61.4651,
79.9712

■ 32.5291, 45.9687,
27.2031

■ 74.1564, 65.9644,
95.2920

■ 28.7191, 44.1385,
20.9712

■ 79.2573, 68.4146,
103.6358

■ 25.6853, 42.6813,
16.0088

■ 23.3745, 41.5712,
12.2289

■ 21.7264, 40.7796,
9.5332

■ 20.6716, 40.2729,
7.8078

■ 20.1238, 40.0098,
6.9118

Harmonies

Analogous

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



50.1442, 53.9168, 51.9004



49.0789, 53.9168, 54.2746



48.5952, 53.9168, 57.9195

Triad

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



49.0789, 53.9168, 54.2746



50.9708, 53.9168, 66.7775



53.7610, 53.9168, 55.5840

Complementary

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



49.0789, 53.9168, 54.2746



50.6649, 51.0207, 60.0037

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.



53.9921, 53.9168, 59.5001



49.0789, 53.9168, 54.2746



52.3644, 53.9168, 66.0824

Square

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



49.0789, 53.9168, 54.2746



49.6746, 53.9168, 65.2309



53.4766, 53.9168, 63.3728



52.8508, 53.9168, 52.6318

Rectangle

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



49.0789, 53.9168, 54.2746



48.6612, 53.9168, 60.6271



53.4766, 53.9168, 63.3728



53.9214, 53.9168, 56.8264

Sweetspot

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



49.0804, 53.9191, 54.2758



92.3882, 98.7214, 104.5461



51.8575, 55.3508, 54.4057



19.8027, 21.1438, 22.4228



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.



49.0804, 53.9191, 54.2758



86.0432, 95.6736, 94.1677



49.6768, 54.1577, 57.4162



10.7776, 12.0224, 11.7622



13.1327, 26.2655, 4.3776



0.6218, 1.2437, 0.2073

Inverse Universe

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



50.6649, 51.0207, 60.0037



89.6176, 89.1353, 107.0891



50.0458, 50.7731, 56.7434



11.2521, 11.1545, 13.4775



21.7739, 10.4591, 35.6149



1.0310, 0.4952, 1.6864

Previews

White Background



This preview shows how the XYZ color 49.0789, 53.9168, 54.2746 looks on a white background.

Color Contrast Check

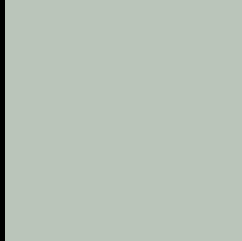
Large Text (above 18pt) WCAG AA × Fail

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 49.0789, 53.9168, 54.2746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

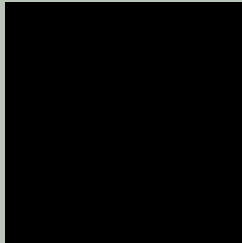
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

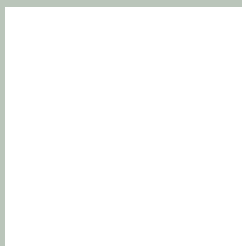
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.0789, 53.9168, 54.2746

Background



This preview shows how black text looks on a background with the XYZ color 49.0789, 53.9168, 54.2746.



This preview shows how white text looks on a background with the XYZ color 49.0789, 53.9168,

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

49.0789, 53.9168, 54.2746

Protanopia

51.5411, 53.8800, 53.0308

Deuteranopia

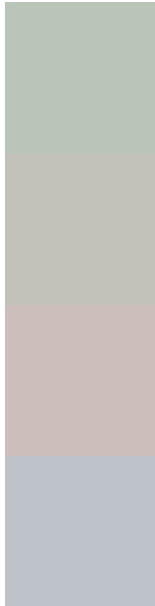
54.8718, 53.6186, 55.0343



Tritanopia

52.0356, 54.1342, 68.0280

Trichromacy



Original Color

49.0789, 53.9168, 54.2746

Protanomaly

50.5544, 53.6885, 53.5973

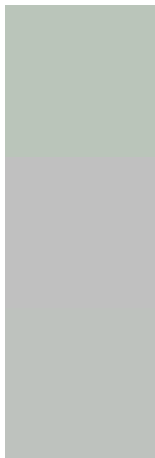
Deuteranomaly

52.5023, 53.6868, 54.6091

Tritanomaly

51.0440, 54.0661, 63.0038

Monochromacy



Original Color

49.0789, 53.9168, 54.2746

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.8213, 53.2484, 56.3673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.0789, 53.9168, 54.2746 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(186, 197, 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(186, 197, 186) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 49.0789, 53.9168, 54.2746 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, 186) }
```


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

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

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, 186)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 49.0789, 53.9168, 54.2746 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, 186) }
```

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

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