

Converting Colors

XYZ(49.1399, 54.3248, 55.7586)

Have a look what the booklet for
XYZ(49.1399, 54.3248, 55.7586)
contains.

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Color

**XYZ(49.1466, 54.2526,
56.0256)**

Conversions

Conversions Part 1

Format	Color
Hex	B8C6BD
RGB	184, 198, 189
RGB Percent	72%, 78%, 74%
CMY	0.2784, 0.2235, 0.2588
CMYK	0.07, 0.00, 0.05, 0.22
HSL	141°, 11%, 75%
HSV	141°, 7%, 78%
XYZ	49.1466, 54.2526, 56.0256
YIQ	192.7880, -5.4550, -5.7670

Conversions

Conversions Part 2

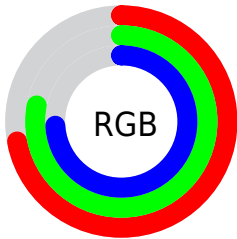
Format	Color
RYB	184, 194, 198
Decimal	12109501
CIELab	78.61, -6.48, 2.85
CIELCh	79, 7.079, 156.229
Yxy	54.2526, 0.3083, 0.3403
Android (android.graphics.Color)	4290299581 (0xFFB8C6BD)
YUV	192.7880, -1.8675, -7.7071
Hunter-Lab	73.6564, -9.7960, 6.4614

Details

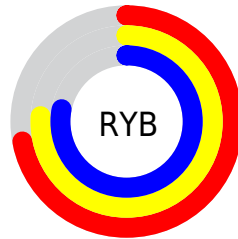
The XYZ color **49.1466, 54.2526, 56.0256** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.0569, 50.1385, 57.4942**, and the grayscale version is **50.5783, 53.2123, 57.9482**.

A 20% lighter version of the original color is **88.1766, 96.6378, 100.3918**, and **23.7773, 26.5494, 27.1639** is the 20% darker color. If you saturate the color by 10%, you get **43.4098, 51.4494, 48.8577**, and if you desaturate by 10%, it is **55.6717, 57.4512, 63.8659**.

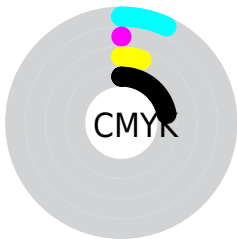
Distribution



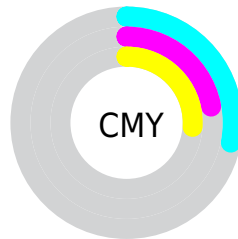
- Red (72%)
- Green (78%)
- Blue (74%)



- Red (72%)
- Yellow (76%)
- Blue (78%)



- Cyan (7%)
- Magenta (0%)
- Yellow (5%)
- Black (22%)



- Cyan (28%)
- Magenta (22%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.1466, 54.2526, 56.0256 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 49.1466, 54.2526, 56.0256 by changing the saturation by 10% instead.

■ 49.1466, 54.2526,
56.0256

■ 49.1466, 54.2526,
56.0256

373.8266,
403.0725, 427.1790

■ 34.9508, 38.8036,
39.8193

■ 88.1086, 96.4450,
100.5282

■ 23.7913, 26.6070,
27.0850

113.6054,
123.9573, 129.6615

■ 15.3028, 17.2783,
17.4041

143.6000,
156.2595, 163.9410

■ 9.1199, 10.4331,
10.3580

178.4577,
193.7359, 203.7852

■ 4.8772, 5.6871,
5.5283

218.5439,
236.7711, 249.6125

■ 2.2094, 2.6557,
2.4963

264.2238,

■ 0.7477, 0.9548,

285.7493, 301.8415

0.8382

315.8629,
341.0550, 360.8909

■ 0.0000, 0.0000,
0.0000

■ 49.1466, 54.2526,
56.0256

■ 49.1466, 54.2526,
56.0256

■ 43.4098, 51.4494,
48.8577

■ 55.6717, 57.4512,
63.8659

■ 38.4262, 49.0194,
42.3411

■ 63.0093, 61.0527,
72.3919

■ 34.1648, 46.9483,
36.4584

■ 71.1883, 65.0734,
81.6213

■ 30.5905, 45.2186,
31.1906

■ 77.1519, 67.9369,
91.4255

■ 27.6653, 43.8110,
26.5172

■ 79.1097, 68.7200,
101.7349

■ 25.3474, 42.7045,
22.4171

■ 79.4851, 68.8702,
103.7117

■ 23.5897, 41.8751,
18.8674

■ 22.3376, 41.2952,
15.8439

■ 21.5181, 40.9278,
13.3198

Harmonies

Analogous

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



49.9945, 54.2526, 53.0823



49.1466, 54.2526, 56.0256



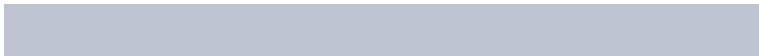
48.9416, 54.2526, 59.9103

Triad

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



49.1466, 54.2526, 56.0256



51.8574, 54.2526, 67.0522



53.7623, 54.2526, 54.6419

Complementary

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



49.1466, 54.2526, 56.0256



50.0569, 50.1385, 57.4942

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.



54.2815, 54.2526, 58.2413



49.1466, 54.2526, 56.0256



53.1690, 54.2526, 65.4958

Square

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



49.1466, 54.2526, 56.0256



50.4905, 54.2526, 66.3938



54.0624, 54.2526, 62.2266



52.6556, 54.2526, 52.3090

Rectangle

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



49.1466, 54.2526, 56.0256



49.1938, 54.2526, 62.5367



54.0624, 54.2526, 62.2266



54.0122, 54.2526, 55.7374

Sweetspot

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



49.1481, 54.2549, 56.0268



92.6750, 98.8361, 106.0566



50.8657, 55.2020, 53.3225



19.8612, 21.1672, 22.7304



0.0000, 0.0000, 0.0000



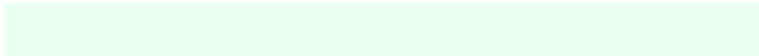
20.3446, 21.4041, 23.3091

Same Dimension

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



49.1481, 54.2549, 56.0268



85.8986, 95.5180, 97.8225



49.9155, 54.5619, 60.0679



10.6513, 11.9494, 12.1140



13.9034, 26.5737, 8.4357



0.6929, 1.2721, 0.5813

Inverse Universe

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



50.0569, 50.1385, 57.4942



87.7332, 87.2076, 100.7849



49.3045, 49.8376, 53.5323



10.9161, 10.7498, 12.5416



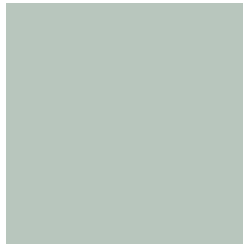
17.6914, 8.8261, 14.1165



0.8713, 0.4314, 0.8455

Previews

White Background



This preview shows how the XYZ color 49.1466, 54.2526, 56.0256 looks on a white background.

Color Contrast Check

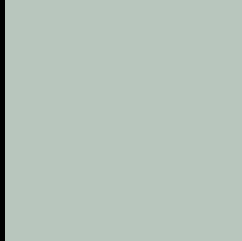
Large Text (above 18pt) WCAG AA × Fail

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 49.1466, 54.2526, 56.0256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

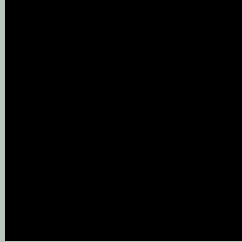
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

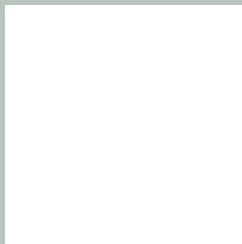
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.1466, 54.2526, 56.0256

Background



This preview shows how black text looks on a background with the XYZ color 49.1466, 54.2526, 56.0256.



This preview shows how white text looks on a background with the XYZ color 49.1466, 54.2526,

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

49.1466, 54.2526, 56.0256

Protanopia

51.7523, 53.9645, 54.1429

Deuteranopia

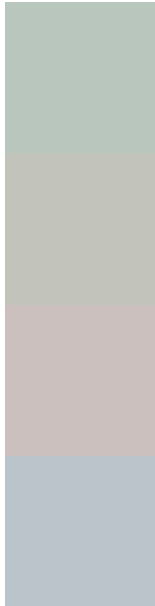
55.1187, 54.0242, 56.8129



Tritanopia

51.6415, 54.2482, 68.7219

Trichromacy



Original Color

49.1466, 54.2526, 56.0256

Protanomaly

50.7329, 54.0874, 54.7797

Deuteranomaly

52.7725, 54.1135, 56.3787

Tritanomaly

50.6503, 54.1832, 63.6660

Monochromacy



Original Color

49.1466, 54.2526, 56.0256

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.2647, 53.7831, 57.6011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.1466, 54.2526, 56.0256 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(184, 198, 189)` looks like.

```
.text, #text, p{  
    color:rgb(184, 198, 189)  
}
```

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(184, 198, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 198, 189) }
```

Border

The CSS property to change the border of an element to XYZ 49.1466, 54.2526, 56.0256 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(184, 198, 189) }
```


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

```
.border{ border-color:rgb(184, 198, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 198, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 198, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 198, 189);  
box-shadow:4px 4px 4px 4px rgb(184, 198,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 49.1466, 54.2526, 56.0256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 198, 189) }
```

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

```
.background{ background-color: rgb(184,  
198, 189) }
```

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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