

Converting Colors

XYZ(49.8987, 55.0590, 55.9738)

Have a look what the booklet for
XYZ(49.8987, 55.0590, 55.9738)
contains.

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Color

**XYZ(49.8584, 54.9601,
56.1246)**

Conversions

Conversions Part 1

Format	Color
Hex	BAC7BD
RGB	186, 199, 189
RGB Percent	73%, 78%, 74%
CMY	0.2706, 0.2196, 0.2588
CMYK	0.07, 0.00, 0.05, 0.22
HSL	134°, 10%, 75%
HSV	134°, 7%, 78%
XYZ	49.8584, 54.9601, 56.1246
YIQ	193.9730, -4.5380, -5.8660

Conversions

Conversions Part 2

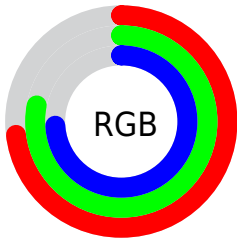
Format	Color
R_{YB}	186, 197, 199
Decimal	12240829
CIE Lab	79.02, -6.32, 3.47
CIE LCh	79, 7.204, 151.248
Yxy	54.9601, 0.3098, 0.3415
Android (android.graphics.Color)	4290430909 (0xFFBAC7BD)
YUV	193.9730, -2.4517, -6.9923
Hunter-Lab	74.1351, -9.6890, 7.0086

Details

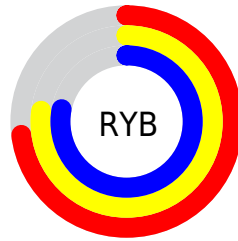
The XYZ color **49.8584, 54.9601, 56.1246** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.0779, 51.2468, 59.4267**, and the grayscale version is **51.2795, 53.9500, 58.7515**.

A 20% lighter version of the original color is **88.8594, 96.9898, 100.4237**, and **24.2422, 27.0149, 27.2293** is the 20% darker color. If you saturate the color by 10%, you get **43.7815, 52.0109, 47.6189**, and if you desaturate by 10%, it is **56.7871, 58.3313, 65.5881**.

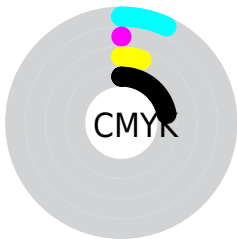
Distribution



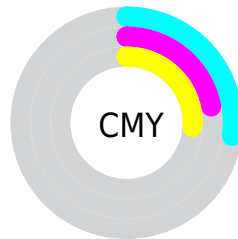
- Red (73%)
- Green (78%)
- Blue (74%)



- Red (73%)
- Yellow (77%)
- Blue (78%)



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



- Cyan (27%)
- Magenta (22%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.8584, 54.9601, 56.1246 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 49.8584, 54.9601, 56.1246 by changing the saturation by 10% instead.

■ 49.8584, 54.9601,
56.1246

■ 49.8584, 54.9601,
56.1246

376.5731,
405.7607, 427.5624

■ 35.5182, 39.3698,
39.8982

■ 89.1581, 97.4825,
100.6743

■ 24.2307, 27.0475,
27.1460

114.8484,
125.1834, 129.8347

■ 15.6305, 17.6089,
17.4495

145.0527,
157.6898, 164.1435

■ 9.3523, 10.6696,
10.3901

180.1365,
195.3864, 204.0193

■ 5.0306, 5.8451,
5.5494

220.4651,
238.6573, 249.8805

■ 2.3002, 2.7511,
2.5088

266.4038,

■ 0.7948, 1.0032,

287.8871, 302.1457

0.8448

318.3180,
343.4601, 361.2335

■ 0.0000, 0.0000,
0.0000

■ 49.8584, 54.9601,
56.1246

■ 49.8584, 54.9601,
56.1246

■ 43.7815, 52.0109,
47.6189

■ 56.7871, 58.3313,
65.5881

■ 38.5188, 49.4602,
40.0377

■ 64.5944, 62.1329,
76.0344

■ 34.0365, 47.2929,
33.3507

■ 73.3113, 66.3821,
87.4920

■ 30.2968, 45.4901,
27.5249

■ 78.9570, 69.0260,
99.7994

■ 27.2585, 44.0313,
22.5251

■ 79.7145, 69.3290,
103.7882

■ 24.8764, 42.8940,
18.3137

■ 23.0998, 42.0529,
14.8501

■ 21.8702, 41.4789,
12.0901

■ 21.1133, 41.1345,
9.9845

Harmonies

Analogous

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



50.8211, 54.9601, 53.3437



49.8584, 54.9601, 56.1246



49.5303, 54.9601, 60.0142

Triad

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



49.8584, 54.9601, 56.1246



52.2980, 54.9601, 68.0867



54.6301, 54.9601, 55.8399

Complementary

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



49.8584, 54.9601, 56.1246



51.0779, 51.2468, 59.4267

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.



55.0425, 54.9601, 59.6705



49.8584, 54.9601, 56.1246



53.6809, 54.9601, 66.8482

Square

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



49.8584, 54.9601, 56.1246



50.9232, 54.9601, 67.0334



54.6920, 54.9601, 63.7205



53.5751, 54.9601, 53.1846

Rectangle

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



49.8584, 54.9601, 56.1246



49.7107, 54.9601, 62.7489



54.6920, 54.9601, 63.7205



54.8494, 54.9601, 57.0267

Sweetspot

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



49.8599, 54.9624, 56.1258



92.5732, 98.7954, 105.5205



52.1013, 56.1551, 54.5480



19.8404, 21.1589, 22.6212



0.0000, 0.0000, 0.0000



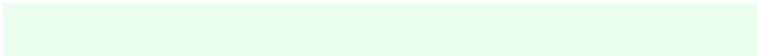
20.3446, 21.4041, 23.3091

Same Dimension

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



49.8599, 54.9624, 56.1258



85.5144, 95.3643, 95.7992



50.5611, 55.2429, 59.8180



10.5961, 11.9273, 11.8231



13.4770, 26.4032, 6.1906



0.6670, 1.2617, 0.4449

Inverse Universe

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



51.0779, 51.2468, 59.4267



88.1353, 87.3684, 102.9023



50.3735, 50.9650, 55.7174



10.9744, 10.7731, 12.8483



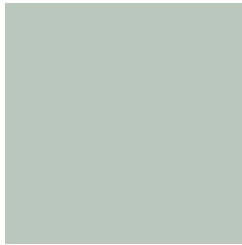
18.8819, 9.3023, 20.3857



0.9204, 0.4510, 1.1038

Previews

White Background



This preview shows how the XYZ color 49.8584, 54.9601, 56.1246 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 49.8584, 54.9601, 56.1246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

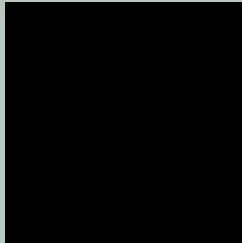
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

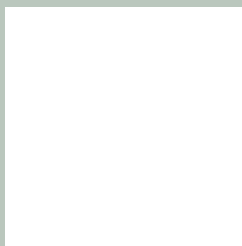
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.8584, 54.9601, 56.1246

Background



This preview shows how black text looks on a background with the XYZ color 49.8584, 54.9601, 56.1246.



This preview shows how white text looks on a background with the XYZ color 49.8584, 54.9601,

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

49.8584, 54.9601, 56.1246

Protanopia

52.5721, 55.0356, 54.8658

Deuteranopia

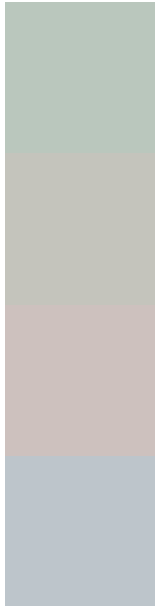
55.9205, 54.7557, 56.9118



Tritanopia

52.7330, 55.1302, 69.4899

Trichromacy



Original Color

49.8584, 54.9601, 56.1246

Protanomaly

51.5820, 54.8465, 55.4447

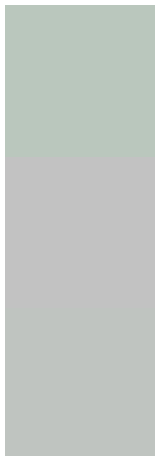
Deuteranomaly

53.5411, 54.8368, 56.4778

Tritanomaly

51.7320, 55.0631, 64.4016

Monochromacy



Original Color

49.8584, 54.9601, 56.1246

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.7402, 54.3620, 57.6878

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.8584, 54.9601, 56.1246 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, 199, 189)` looks like.

```
.text, #text, p{  
    color:rgb(186, 199, 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(186, 199, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 199, 189) }
```

Border

The CSS property to change the border of an element to XYZ 49.8584, 54.9601, 56.1246 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, 199, 189) }
```


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

```
.border{ border-color:rgb(186, 199, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 199, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 199, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 199, 189);  
box-shadow:4px 4px 4px 4px rgb(186, 199,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 49.8584, 54.9601, 56.1246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 199, 189) }
```

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

```
.background{ background-color: rgb(186,  
199, 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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