

Converting Colors

XYZ(49.6316, 54.9418, 54.5277)

Have a look what the booklet for
XYZ(49.6316, 54.9418, 54.5277)
contains.

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Color

**XYZ(49.5361, 54.8311,
54.4270)**

Conversions

Conversions Part 1

Format	Color
Hex	BAC7BA
RGB	186, 199, 186
RGB Percent	73%, 78%, 73%
CMY	0.2706, 0.2196, 0.2706
CMYK	0.07, 0.00, 0.07, 0.22
HSL	120°, 10%, 75%
HSV	120°, 7%, 78%
XYZ	49.5361, 54.8311, 54.4270
YIQ	193.6310, -3.5750, -6.7990

Conversions

Conversions Part 2

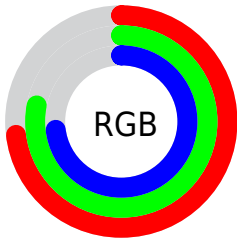
Format	Color
R_{YB}	186, 199, 199
Decimal	12240826
CIE Lab	78.94, -6.87, 4.97
CIE LCh	79, 8.476, 144.098
Yxy	54.8311, 0.3120, 0.3453
Android (android.graphics.Color)	4290430906 (0xFFBAC7BA)
YUV	193.6310, -3.7621, -6.6924
Hunter-Lab	74.0480, -10.1724, 8.2541

Details

The XYZ color **49.5361, 54.8311, 54.4270** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.4229, 51.3849, 61.2436**, and the grayscale version is **51.0845, 53.7448, 58.5281**.

A 20% lighter version of the original color is **88.4050, 96.8081, 98.0308**, and **24.0319, 26.9308, 26.1218** is the 20% darker color. If you saturate the color by 10%, you get **43.0638, 51.7237, 43.8390**, and if you desaturate by 10%, it is **56.9795, 58.4081, 66.6008**.

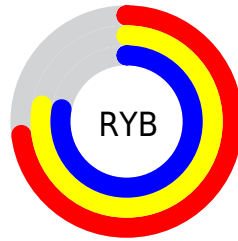
Distribution



Red (73%)

Green (78%)

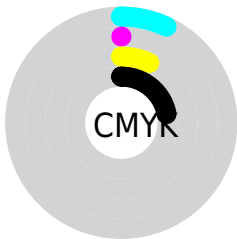
Blue (73%)



Red (73%)

Yellow (78%)

Blue (78%)

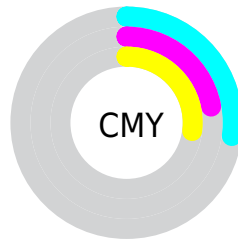


Cyan (7%)

Magenta (0%)

Yellow (7%)

Black (22%)



Cyan (27%)

Magenta (22%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.5361, 54.8311, 54.4270 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 49.5361, 54.8311, 54.4270 by changing the saturation by 10% instead.

■ 49.5361, 54.8311,
54.4270

■ 49.5361, 54.8311,
54.4270

375.3311,
405.2714, 420.9568

■ 35.2612, 39.2665,
38.5476

■ 88.6831, 97.2934,
98.1636

■ 24.0316, 26.9671,
26.1029

114.2859,
124.9600, 126.8580

■ 15.4819, 17.5485,
16.6742

144.3955,
157.4293, 160.6611

■ 9.2468, 10.6263,
9.8430

179.3771,
195.0858, 199.9915

■ 4.9609, 5.8162,
5.1907

219.5961,
238.3139, 245.2677

■ 2.2589, 2.7336,
2.2989

265.4178,

■ 0.7735, 0.9943,

287.4979, 296.9083

0.7306

317.2077,
343.0223, 355.3318

■ 0.0000, 0.0000,
0.0000

■ 49.5361, 54.8311,
54.4270

■ 49.5361, 54.8311,
54.4270

■ 43.0638, 51.7237,
43.8390

■ 56.9795, 58.4081,
66.6008

■ 37.5182, 49.0599,
34.7681

■ 65.4268, 62.4658,
80.4182

■ 32.8584, 46.8215,
27.1460

■ 74.9152, 67.0236,
95.9382

■ 29.0384, 44.9866,
20.8977

■ 79.7145, 69.3289,
103.7882

■ 26.0083, 43.5311,
15.9415

■ 23.7130, 42.4286,
12.1870

■ 22.0900, 41.6489,
9.5323

■ 21.0667, 41.1574,
7.8585

■ 20.5486, 40.9085,
7.0112

Harmonies

Analogous

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



50.8043, 54.8311, 51.6300



49.5361, 54.8311, 54.4270



48.9602, 54.8311, 58.7532

Triad

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



49.5361, 54.8311, 54.4270



51.7830, 54.8311, 69.4097



55.1275, 54.8311, 55.9947

Complementary

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



49.5361, 54.8311, 54.4270



51.4229, 51.3849, 61.2436

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.



55.4031, 54.8311, 60.6604



49.5361, 54.8311, 54.4270



53.4487, 54.8311, 68.5738

Square

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



49.5361, 54.8311, 54.4270



50.2394, 54.8311, 67.5332



54.7825, 54.8311, 65.3067



54.0373, 54.8311, 52.5004

Rectangle

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



49.5361, 54.8311, 54.4270



49.0374, 54.8311, 61.9893



54.7825, 54.8311, 65.3067



55.3195, 54.8311, 57.4712

Sweetspot

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



49.5376, 54.8334, 54.4282



92.3882, 98.7214, 104.5460



52.7921, 56.4372, 54.5662



19.8027, 21.1438, 22.4227



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.



49.5376, 54.8334, 54.4282



84.8267, 95.0892, 92.1778



50.2207, 55.1067, 58.0254



10.4975, 11.8879, 11.3041



13.1328, 26.2655, 4.3776



0.6218, 1.2437, 0.2073

Inverse Universe

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



51.4229, 51.3849, 61.2436



88.8839, 87.6678, 106.8446



50.7080, 51.0989, 57.4788



11.0831, 10.8166, 13.4212



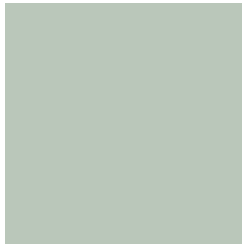
21.7738, 10.4590, 35.6155



1.0310, 0.4952, 1.6864

Previews

White Background



This preview shows how the XYZ color 49.5361, 54.8311, 54.4270 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 49.5361, 54.8311, 54.4270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

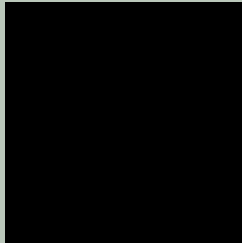
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

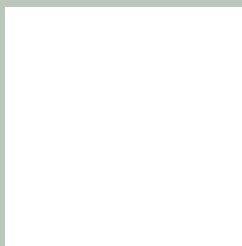
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.5361, 54.8311, 54.4270

Background



This preview shows how black text looks on a background with the XYZ color 49.5361, 54.8311, 54.4270.



This preview shows how white text looks on a background with the XYZ color 49.5361, 54.8311,

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

49.5361, 54.8311, 54.4270

Protanopia

52.0309, 54.4618, 53.1173

Deuteranopia

55.8900, 54.7777, 55.2044



Tritanopia

52.5082, 54.6805, 69.4149

Trichromacy



Original Color

49.5361, 54.8311, 54.4270

Protanomaly

51.2618, 54.7184, 53.7589

Deuteranomaly

53.4932, 54.8496, 54.7813

Tritanomaly

51.3869, 54.5629, 63.7004

Monochromacy



Original Color

49.5361, 54.8311, 54.4270

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.6298, 54.3178, 57.1061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.5361, 54.8311, 54.4270 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, 186)` looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 49.5361, 54.8311, 54.4270 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, 186) }
```


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

```
.border{ border-color:rgb(186, 199, 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, 199, 186)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 49.5361, 54.8311, 54.4270 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, 186) }
```

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

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