

Converting Colors

XYZ(54.6505, 51.3032, 54.5127)

Have a look what the booklet for
XYZ(54.6505, 51.3032, 54.5127)
contains.

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Color

**XYZ(54.6118, 51.3334,
54.6069)**

Conversions

Conversions Part 1

Format	Color
Hex	DBB4BC
RGB	219, 180, 188
RGB Percent	86%, 71%, 74%
CMY	0.1412, 0.2941, 0.2627
CMYK	0.00, 0.18, 0.14, 0.14
HSL	348°, 35%, 78%
HSV	348°, 18%, 86%
XYZ	54.6118, 51.3334, 54.6069
YIQ	192.5730, 20.6760, 10.7560

Conversions

Conversions Part 2

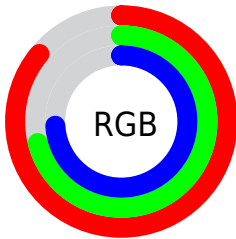
Format	Color
R _{YB}	219, 180, 188
Decimal	14398652
CIE _{Lab}	76.88, 15.33, 1.24
CIE _{LCh}	77, 15.377, 4.618
Y _{xy}	51.3334, 0.3402, 0.3197
Android (android.graphics.Color)	4292588732 (0xFFDDBB4BC)
Y _{UV}	192.5730, -2.2545, 23.1765
Hunter-Lab	71.6473, 10.6754, 4.9645

Details

The XYZ color **54.6118, 51.3334, 54.6069** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **55.9139, 65.0709, 71.2442**, and the grayscale version is **50.4435, 53.0705, 57.7938**.

A 20% lighter version of the original color is **87.5646, 87.7826, 97.9165**, and **27.2724, 24.8205, 26.2751** is the 20% darker color. If you saturate the color by 10%, you get **48.7703, 42.4745, 43.9523**, and if you desaturate by 10%, it is **61.3811, 61.6845, 66.6890**.

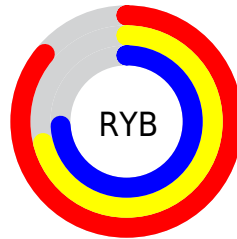
Distribution



Red (86%)

Green (71%)

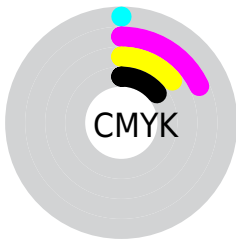
Blue (74%)



Red (86%)

Yellow (71%)

Blue (74%)

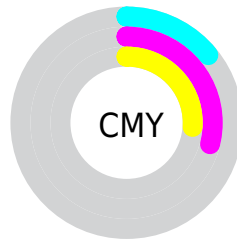


Cyan (0%)

Magenta (18%)

Yellow (14%)

Black (14%)



Cyan (14%)


Magenta (29%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.6118, 51.3334, 54.6069 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 54.6118, 51.3334, 54.6069 by changing the saturation by 10% instead.


 54.6118, 51.3334,
54.6069

 54.6118, 51.3334,
54.6069


394.5991,
391.8577, 421.6600

 39.3236, 36.4740,
38.6906

 96.1236, 92.1474,
98.4301

 27.1934, 24.8005,
26.2131


123.0779,
118.8708, 127.1741

 17.8559, 15.9285,
16.7560


154.6516,
150.3177, 161.0312

 10.9456, 9.4736,
9.9005

191.2102,
186.8724, 200.4197

 6.0973, 5.0513,
5.2283

233.1188,
228.9194, 245.7583

 2.9456, 2.2774,
2.3208

280.7429,

 1.1250, 0.7617,

276.8430, 297.4655

0.7428

334.4479,
331.0276, 355.9599

■ 0.0459, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.6118, 51.3334,
54.6069

■ 54.6118, 51.3334,
54.6069

■ 48.7703, 42.4745,
43.9523

■ 61.3811, 61.6845,
66.6890

■ 43.8116, 35.0323,
34.6687

■ 69.1121, 73.5850,
80.2457

■ 39.6933, 28.9349,
26.7009

■ 77.8423, 87.0976,
95.3259

■ 36.3677, 24.1015,
19.9882

■ 83.0237, 93.8002,
108.3372

■ 33.7823, 20.4426,
14.4653

■ 31.8780, 17.8569,
10.0608

■ 30.5862, 16.2255,
6.6949

■ 29.8145, 15.3840,
4.2734

■ 29.6856, 15.2490,
3.8519

Harmonies

Analogous

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



54.0484, 51.3334, 63.0828



54.6118, 51.3334, 54.6069



53.5652, 51.3334, 47.2362

Triad

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



54.6118, 51.3334, 54.6069



45.6662, 51.3334, 43.6626



46.4205, 51.3334, 71.7384

Complementary

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



54.6118, 51.3334, 54.6069



55.9139, 65.0709, 71.2442

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.



44.3090, 51.3334, 65.5484



54.6118, 51.3334, 54.6069



43.8858, 51.3334, 49.2720

Square

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



54.6118, 51.3334, 54.6069



48.3396, 51.3334, 41.3318



43.3990, 51.3334, 57.1998



49.2449, 51.3334, 73.5268

Rectangle

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



54.6118, 51.3334, 54.6069



52.1190, 51.3334, 43.7670



43.3990, 51.3334, 57.1998



45.6075, 51.3334, 70.0751

Sweetspot

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



54.6132, 51.3357, 54.6080



89.5273, 91.4975, 99.2199



55.8444, 51.5419, 74.0238



19.0024, 19.3382, 20.9552



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.



54.6132, 51.3357, 54.6080



74.1697, 68.0186, 71.7921



56.0950, 55.6409, 50.9660



13.1647, 13.0950, 14.1285



17.6339, 9.0546, 2.4520



1.1738, 0.5991, 0.3240

Inverse Universe

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



54.6132, 51.3357, 54.6080



74.1697, 68.0186, 71.7921



54.1541, 59.9069, 75.7275



13.1647, 13.0950, 14.1285



17.6339, 9.0546, 2.4520



1.1738, 0.5991, 0.3240

Previews

White Background



This preview shows how the XYZ color 54.6118, 51.3334, 54.6069 looks on a white background.

Color Contrast Check

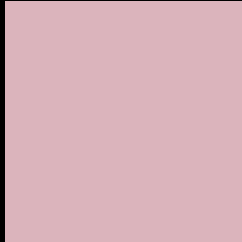
Large Text (above 18pt) WCAG AA × Fail

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 54.6118, 51.3334, 54.6069 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 54.6118, 51.3334, 54.6069

Background



This preview shows how black text looks on a background with the XYZ color 54.6118, 51.3334, 54.6069.



This preview shows how white text looks on a background with the XYZ color 54.6118, 51.3334,

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

54.6118, 51.3334, 54.6069

Protanopia

49.5615, 51.4519, 57.7711

Deuteranopia

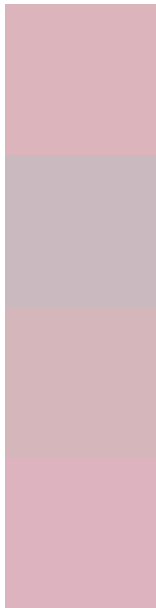
52.4046, 51.4241, 54.1775



Tritanopia

55.2609, 51.3061, 57.4426

Trichromacy



Original Color

54.6118, 51.3334, 54.6069

Protanomaly

51.3200, 51.4360, 56.5135

Deuteranomaly

53.3437, 51.6010, 54.1622

Tritanomaly

55.0393, 51.2174, 56.2753

Monochromacy



Original Color

54.6118, 51.3334, 54.6069

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.7443, 52.2846, 56.6549

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6118, 51.3334, 54.6069 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(219, 180, 188)` looks like.

```
.text, #text, p{  
    color:rgb(219, 180, 188)  
}
```

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(219, 180, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 180, 188) }
```

Border

The CSS property to change the border of an element to XYZ 54.6118, 51.3334, 54.6069 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(219, 180, 188) }
```


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

```
.border{ border-color:rgb(219, 180, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 180, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 180, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 180, 188);  
box-shadow:4px 4px 4px 4px rgb(219, 180,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6118, 51.3334, 54.6069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 180, 188) }
```

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

```
.background{ background-color: rgb(219,  
180, 188) }
```

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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