

Converting Colors

XYZ(54.3677, 53.2120, 48.5141)

Have a look what the booklet for
XYZ(54.3677, 53.2120, 48.5141)
contains.

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Color

**XYZ(54.3088, 53.1578,
48.4724)**

Conversions

Conversions Part 1

Format	Color
Hex	DABAB0
RGB	218, 186, 176
RGB Percent	85%, 73%, 69%
CMY	0.1451, 0.2706, 0.3098
CMYK	0.00, 0.15, 0.19, 0.15
HSL	14°, 36%, 77%
HSV	14°, 19%, 85%
XYZ	54.3088, 53.1578, 48.4724
YIQ	194.4280, 22.2820, 3.6740

Conversions

Conversions Part 2

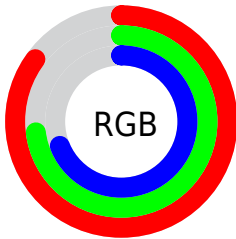
Format	Color
R_{YB}	218, 189, 176
Decimal	14334640
CIE Lab	77.97, 9.87, 9.30
CIE LCh	78, 13.561, 43.304
Yxy	53.1578, 0.3483, 0.3409
Android (android.graphics.Color)	4292524720 (0xFFDABAB0)
YUV	194.4280, -9.0850, 20.6726
Hunter-Lab	72.9094, 5.3698, 11.6188

Details

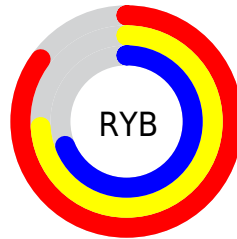
The XYZ color **54.3088, 53.1578, 48.4724** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **53.1148, 59.4024, 74.9964**, and the grayscale version is **51.5759, 54.2618, 59.0911**.

A 20% lighter version of the original color is **87.5576, 90.5905, 89.2149**, and **27.1299, 26.0168, 22.6606** is the 20% darker color. If you saturate the color by 10%, you get **49.0252, 45.7695, 36.9103**, and if you desaturate by 10%, it is **60.3483, 61.5028, 61.9966**.

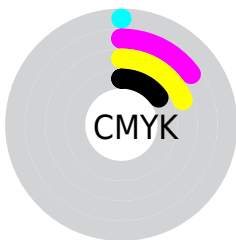
Distribution



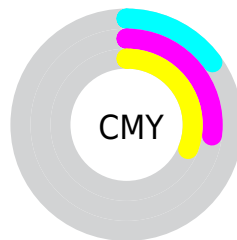
- Red (85%)
- Green (73%)
- Blue (69%)



- Red (85%)
- Yellow (74%)
- Blue (69%)



- Cyan (0%)
- Magenta (15%)
- Yellow (19%)
- Black (15%)



- Cyan (15%)
- Magenta (27%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3088, 53.1578, 48.4724 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 54.3088, 53.1578, 48.4724 by changing the saturation by 10% instead.

■ 54.3088, 53.1578,
48.4724

■ 54.3088, 53.1578,
48.4724

393.4656,
398.8902, 397.2242

■ 39.0802, 37.9288,
33.8385

■ 95.6817, 94.8365,
89.2802

■ 27.0032, 25.9274,
22.4932

122.5568,
122.0550, 116.2912

■ 17.7122, 16.7693,
14.0180

154.0448,
154.0387, 148.2649

■ 10.8420, 10.0702,
7.9943

190.5111,
191.1721, 185.6200

■ 6.0272, 5.4455,
4.0036

232.3209,
233.8396, 228.7749

■ 2.9024, 2.5110,
1.6273

279.8397,

■ 1.1024, 0.8821,

282.4255, 278.1482

0.3102

333.4328,
337.3143, 334.1584

■ 0.0271, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.3088, 53.1578,
48.4724

■ 54.3088, 53.1578,
48.4724

■ 49.0252, 45.7695,
36.9103

■ 60.3483, 61.5028,
61.9966

■ 44.4629, 39.2964,
27.2156

■ 67.1681, 70.8297,
77.5651

■ 40.5909, 33.7044,
19.2903

■ 74.7967, 81.1721,
95.2595

■ 37.3740, 28.9545,
13.0264

■ 81.9108, 92.0199,
108.0522

■ 34.7738, 25.0049,
8.3040

■ 82.7236, 93.6455,
108.3231

■ 32.7478, 21.8098,
4.9867

■ 31.2471, 19.3185,
2.9138

■ 30.2021, 17.4685,
1.8259

■ 30.1383, 17.3549,
1.7614

Harmonies

Analogous

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



55.6264, 53.1578, 54.5991



54.3088, 53.1578, 48.4724



51.9970, 53.1578, 45.0444

Triad

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



54.3088, 53.1578, 48.4724



45.8181, 53.1578, 53.8038



51.7018, 53.1578, 73.2076

Complementary

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



54.3088, 53.1578, 48.4724



53.1148, 59.4024, 74.9964

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.



49.0809, 53.1578, 72.9475



54.3088, 53.1578, 48.4724



45.7453, 53.1578, 61.2893

Square

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



54.3088, 53.1578, 48.4724



47.1234, 53.1578, 47.9340



46.9210, 53.1578, 68.4318



54.0862, 53.1578, 69.1142

Rectangle

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



54.3088, 53.1578, 48.4724



50.2329, 53.1578, 44.5483



46.9210, 53.1578, 68.4318



50.8180, 53.1578, 73.6364

Sweetspot

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



54.3102, 53.1602, 48.4735



89.0774, 91.8409, 95.2368



55.8491, 50.5207, 66.6120



18.9324, 19.4744, 20.0803



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.



54.3102, 53.1602, 48.4735



74.3694, 71.5128, 62.3173



59.0148, 62.5693, 50.0417



13.3066, 13.5525, 13.6401



18.1256, 10.5368, 1.0785



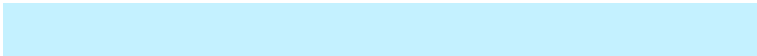
1.2411, 0.8163, 0.0922

Inverse Universe

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



53.1148, 59.4024, 74.9964



72.3703, 81.9311, 106.6077



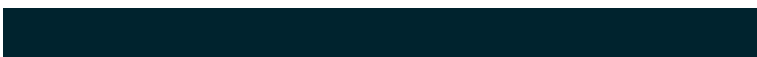
48.3728, 49.9183, 73.4157



13.1684, 14.2765, 16.7137



15.8461, 19.5616, 42.6790



1.0912, 1.3966, 2.7865

Previews

White Background



This preview shows how the XYZ color 54.3088, 53.1578, 48.4724 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 54.3088, 53.1578, 48.4724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

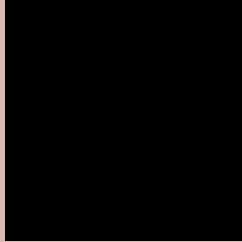
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.3088, 53.1578, 48.4724

Background



This preview shows how black text looks on a background with the XYZ color 54.3088, 53.1578, 48.4724.



This preview shows how white text looks on a background with the XYZ color 54.3088, 53.1578,

48.4724.

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

54.3088, 53.1578, 48.4724

Protanopia

50.8057, 53.2333, 50.2451

Deuteranopia

54.3088, 53.1578, 48.4724



Tritanopia

56.8303, 53.2703, 60.1102

Trichromacy



Original Color

54.3088, 53.1578, 48.4724

Protanomaly

52.1815, 53.3067, 49.6584

Deuteranomaly

54.3088, 53.1578, 48.4724

Tritanomaly

55.8410, 53.1707, 55.4640

Monochromacy



Original Color

54.3088, 53.1578, 48.4724

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.2290, 53.5460, 54.5963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3088, 53.1578, 48.4724 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(218, 186, 176) looks like.

```
.text, #text, p{  
    color:rgb(218, 186, 176)  
}
```

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(218, 186, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 186, 176) }
```

Border

The CSS property to change the border of an element to XYZ 54.3088, 53.1578, 48.4724 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(218, 186, 176) }
```


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

```
.border{ border-color:rgb(218, 186, 176) }
```

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

Here you see how a box with a 4 pixel rgb(218, 186, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 186, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 186, 176);  
box-shadow:4px 4px 4px 4px rgb(218, 186,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3088, 53.1578, 48.4724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 186, 176) }
```

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

```
.background{ background-color: rgb(218,  
186, 176) }
```

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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