

Converting Colors

XYZ(55.0871, 55.1842, 47.2834)

Have a look what the booklet for
XYZ(55.0871, 55.1842, 47.2834)
contains.

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Color

**XYZ(55.0871, 55.1842,
47.2834)**

Conversions

Conversions Part 1

Format	Color
Hex	DABFAD
RGB	218, 191, 173
RGB Percent	85%, 75%, 68%
CMY	0.1451, 0.2510, 0.3216
CMYK	0.00, 0.12, 0.21, 0.15
HSL	24°, 38%, 77%
HSV	24°, 21%, 85%
XYZ	55.0871, 55.1842, 47.2834
YIQ	197.0210, 21.8700, 0.1260

Conversions

Conversions Part 2

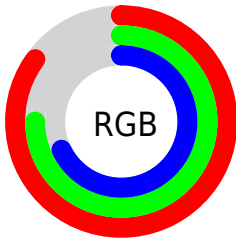
Format	Color
R _Y B	218, 203, 173
Decimal	14335917
CIE Lab	79.15, 6.76, 12.59
CIE LCh	79, 14.292, 61.778
Yxy	55.1842, 0.3496, 0.3503
Android (android.graphics.Color)	4292525997 (0xFFDABFAD)
YUV	197.0210, -11.8424, 18.3986
Hunter-Lab	74.2861, 2.3667, 14.2619

Details

The XYZ color **55.0871, 55.1842, 47.2834** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **50.5424, 55.2534, 74.3312**, and the grayscale version is **53.1449, 55.9125, 60.8888**.

A 20% lighter version of the original color is **88.5044, 93.3830, 86.7588**, and **27.6439, 27.3440, 21.9101** is the 20% darker color. If you saturate the color by 10%, you get **50.4219, 48.9584, 36.1564**, and if you desaturate by 10%, it is **60.3542, 62.0621, 60.3104**.

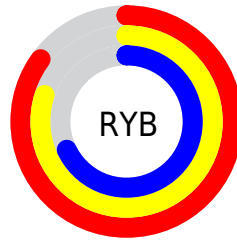
Distribution



Red (85%)

Green (75%)

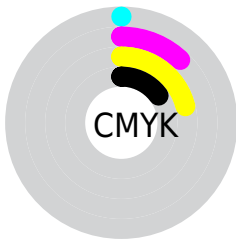
Blue (68%)



Red (85%)

Yellow (80%)

Blue (68%)

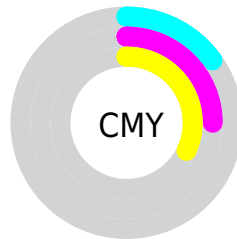


Cyan (0%)

Magenta (12%)

Yellow (21%)

Black (15%)



Cyan (15%)

Magenta (25%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.0871, 55.1842, 47.2834 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 55.0871, 55.1842, 47.2834 by changing the saturation by 10% instead.

■ 55.0871, 55.1842,
47.2834

■ 55.0871, 55.1842,
47.2834

396.3731,
406.6098, 392.3711

■ 39.7056, 39.5492,
32.9038

■ 96.8161, 97.8108,
87.4909

■ 27.4923, 27.1873,
21.7822

123.8944,
125.5712, 114.1559

■ 18.0818, 17.7139,
13.5002

155.6022,
158.1422, 145.7531

■ 11.1087, 10.7448,
7.6391

192.3050,
195.9081, 182.7010

■ 6.2079, 5.8955,
3.7805

234.3681,
239.2535, 225.4182

■ 3.0137, 2.7816,
1.5057

282.1570,

■ 1.1610, 1.0188,

288.5626, 274.3233

0.2222

336.0368,
344.2199, 329.8347

■ 0.0753, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.0871, 55.1842,
47.2834

■ 55.0871, 55.1842,
47.2834

■ 50.4219, 48.9584,
36.1564

■ 60.3542, 62.0621,
60.3104

■ 46.3308, 43.3572,
26.8359

■ 66.2407, 69.6035,
75.3179

■ 42.7904, 38.3622,
19.2257

■ 72.7688, 77.8291,
92.3859

■ 39.7737, 33.9509,
13.2191

■ 79.1092, 86.4167,
107.1183

■ 37.2509, 30.0993,
8.6971

■ 82.7236, 93.6455,
108.3231

■ 35.1888, 26.7815,
5.5241

■ 33.5490, 23.9685,
3.5389

■ 32.3397, 21.7578,
2.4952

Harmonies

Analogous

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



57.2521, 55.1842, 52.1893



55.0871, 55.1842, 47.2834



52.2810, 55.1842, 45.7161

Triad

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



55.0871, 55.1842, 47.2834



47.1586, 55.1842, 60.5748



55.3921, 55.1842, 74.4501

Complementary

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



55.0871, 55.1842, 47.2834



50.5424, 55.2534, 74.3312

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.



52.6212, 55.1842, 77.1902



55.0871, 55.1842, 47.2834



47.9260, 55.1842, 68.7421

Square

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



55.0871, 55.1842, 47.2834



47.7660, 55.1842, 52.9613



49.9002, 55.1842, 75.0136



57.4326, 55.1842, 67.8231

Rectangle

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



55.0871, 55.1842, 47.2834



50.4426, 55.1842, 46.6503



49.9002, 55.1842, 75.0136



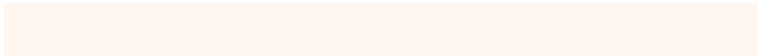
54.5118, 55.1842, 75.8820

Sweetspot

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



55.0886, 55.1867, 47.2846



89.8251, 93.3364, 95.4860



54.2829, 48.9634, 61.2340



19.1088, 19.8271, 20.1391



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.



55.0886, 55.1867, 47.2846



75.4216, 74.5327, 59.8457



60.3770, 65.7635, 49.0474



13.4815, 13.9023, 13.6984



19.4735, 13.2326, 1.5278



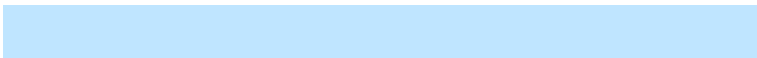
1.3445, 1.0230, 0.1266

Inverse Universe

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



50.5424, 55.2534, 74.3312



67.7550, 74.6411, 105.4439



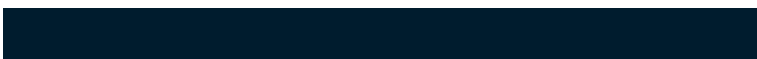
45.7103, 45.5891, 72.7205



12.9851, 13.9099, 16.6526



12.5343, 12.9380, 41.5751



0.8955, 1.0051, 2.7213

Previews

White Background



This preview shows how the XYZ color 55.0871, 55.1842, 47.2834 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 55.0871, 55.1842, 47.2834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

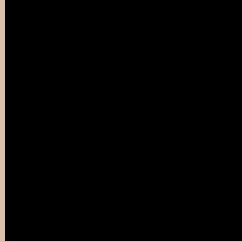
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.0871, 55.1842, 47.2834

Background



This preview shows how black text looks on a background with the XYZ color 55.0871, 55.1842, 47.2834.



This preview shows how white text looks on a background with the XYZ color 55.0871, 55.1842,

47.2834.

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

55.0871, 55.1842, 47.2834

Protanopia

52.3796, 55.4124, 48.4924

Deuteranopia

56.1718, 55.1003, 47.2100



Tritanopia

58.4371, 55.2873, 62.8499

Trichromacy



Original Color

55.0871, 55.1842, 47.2834

Protanomaly

53.2263, 55.1949, 47.8927

Deuteranomaly

55.7751, 55.2162, 47.2533

Tritanomaly

57.2060, 55.1002, 56.9105

Monochromacy



Original Color

55.0871, 55.1842, 47.2834

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.7690, 55.6402, 55.4826

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0871, 55.1842, 47.2834 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, 191, 173)` looks like.

```
.text, #text, p{  
    color:rgb(218, 191, 173)  
}
```

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, 191, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 191, 173) }
```

Border

The CSS property to change the border of an element to XYZ 55.0871, 55.1842, 47.2834 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, 191, 173) }
```


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

```
.border{ border-color:rgb(218, 191, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 191, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 191, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 191, 173); box-shadow:4px 4px 4px 4px rgb(218, 191, 173) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0871, 55.1842, 47.2834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 191, 173) }
```

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

```
.background{ background-color: rgb(218,  
191, 173) }
```

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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