

Converting Colors

XYZ(56.6212, 55.7329, 47.6405)

Have a look what the booklet for
XYZ(56.6212, 55.7329, 47.6405)
contains.

XYZ(56.4849, 55.5709, 47.7936)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.4849, 55.5709,
47.7936)**

Conversions

Conversions Part 1

Format	Color
Hex	DFBEAE
RGB	223, 190, 174
RGB Percent	87%, 75%, 68%
CMY	0.1255, 0.2549, 0.3176
CMYK	0.00, 0.15, 0.22, 0.13
HSL	20°, 43%, 78%
HSV	20°, 22%, 87%
XYZ	56.4849, 55.5709, 47.7936
YIQ	198.0430, 24.8040, 2.0200

Conversions

Conversions Part 2

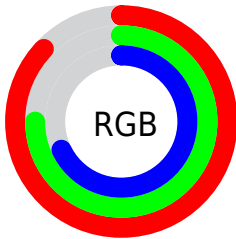
Format	Color
R _Y B	223, 198, 174
Decimal	14663342
CIE Lab	79.37, 9.30, 12.43
CIE LCh	79, 15.526, 53.204
Yxy	55.5709, 0.3534, 0.3476
Android (android.graphics.Color)	4292853422 (0xFFDFBEAE)
YUV	198.0430, -11.8532, 21.8873
Hunter-Lab	74.5459, 4.7977, 14.1695

Details

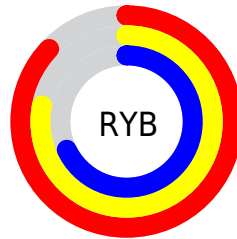
The XYZ color **56.4849, 55.5709, 47.7936** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **53.0873, 58.9506, 78.3931**, and the grayscale version is **53.7631, 56.5630, 61.5971**.

A 20% lighter version of the original color is **88.3386, 92.8287, 87.3905**, and **28.3949, 27.5120, 22.2261** is the 20% darker color. If you saturate the color by 10%, you get **51.4025, 48.6010, 36.2494**, and if you desaturate by 10%, it is **62.2664, 63.3605, 61.3527**.

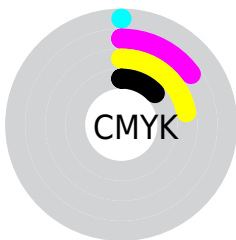
Distribution



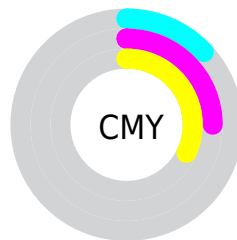
- Red (87%)
- Green (75%)
- Blue (68%)



- Red (87%)
- Yellow (78%)
- Blue (68%)



- Cyan (0%)
- Magenta (15%)
- Yellow (22%)
- Black (13%)





- Cyan (13%)
- Magenta (25%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.4849, 55.5709, 47.7936 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 56.4849, 55.5709, 47.7936 by changing the saturation by 10% instead.


 56.4849, 55.5709,
47.7936

 56.4849, 55.5709,
47.7936


401.5618,
408.0724, 394.4585

 40.8304, 39.8590,
33.3046


 98.8489, 98.3769,
88.2594

 28.3736, 27.4286,
22.0869


126.2891,
126.2398, 115.0732

 18.7494, 17.8954,
13.7218


158.3885,
158.9218, 146.8325

 11.5923, 10.8749,
7.7909

195.5125,
196.8073, 183.9557

 6.5369, 5.9828,
3.8756

238.0265,
240.2807, 226.8613

 3.2179, 2.8346,
1.5574

286.2958,

 1.2700, 1.0460,

289.7265, 275.9680

0.2601

340.6858,
345.5289, 331.6942

■ 0.1606, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.4849, 55.5709,
47.7936

■ 56.4849, 55.5709,
47.7936

■ 51.4025, 48.6010,
36.2494

■ 62.2664, 63.3605,
61.3527

■ 46.9869, 42.4159,
26.6196

■ 68.7687, 71.9882,
77.0138

■ 43.2095, 36.9891,
18.8001

■ 76.0181, 81.4812,
94.8630

■ 40.0380, 32.2900,
12.6754

■ 82.6894, 91.3236,
107.8768

■ 37.4369, 28.2854,
8.1164

■ 84.2416, 94.4281,
108.3942

■ 35.3663, 24.9391,
4.9752

■ 33.7799, 22.2112,
3.0748

■ 32.8034, 20.4317,
2.2148

Harmonies

Analogous

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



58.5123, 55.5709, 54.0021



56.4849, 55.5709, 47.7936



53.5299, 55.5709, 45.0335

Triad

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



56.4849, 55.5709, 47.7936



47.0958, 55.5709, 58.5016



55.2118, 55.5709, 77.6676

Complementary

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



56.4849, 55.5709, 47.7936



53.0873, 58.9506, 78.3931

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.



52.1134, 55.5709, 79.1726



56.4849, 55.5709, 47.7936



47.5065, 55.5709, 67.5149

Square

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



56.4849, 55.5709, 47.7936



48.1695, 55.5709, 50.8106



49.3142, 55.5709, 75.2965



57.7574, 55.5709, 71.3652

Rectangle

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



56.4849, 55.5709, 47.7936



51.4632, 55.5709, 45.3073



49.3142, 55.5709, 75.2965



54.1973, 55.5709, 78.7752

Sweetspot

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



56.4864, 55.5734, 47.7948



88.5926, 91.4725, 93.2223



56.8897, 50.4895, 66.0894



18.8483, 19.4273, 19.6787



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.



56.4864, 55.5734, 47.7948



73.5271, 71.1897, 57.8392



62.1227, 66.8461, 49.6735



14.0710, 14.4280, 14.3500



19.3796, 12.1971, 1.3329



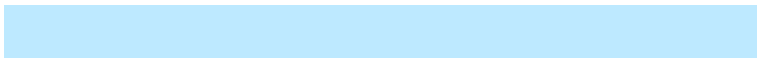
1.4230, 1.0048, 0.1189

Inverse Universe

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



53.0873, 58.9506, 78.3931



68.1987, 76.4740, 105.7742



47.7056, 48.1872, 76.5992



13.7196, 14.7783, 17.5171



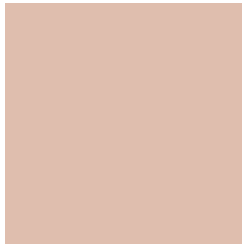
14.3668, 16.2032, 43.4187



1.0764, 1.2842, 3.0364

Previews

White Background



This preview shows how the XYZ color 56.4849, 55.5709, 47.7936 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 56.4849, 55.5709, 47.7936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

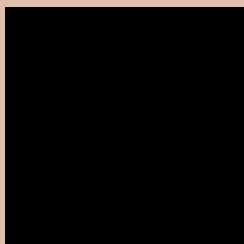
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.4849, 55.5709, 47.7936

Background



This preview shows how black text looks on a background with the XYZ color 56.4849, 55.5709, 47.7936.



This preview shows how white text looks on a background with the XYZ color 56.4849, 55.5709,

47.7936.

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

56.4849, 55.5709, 47.7936

Protanopia

52.8526, 55.6333, 49.5476

Deuteranopia

56.7939, 55.7302, 47.8080



Tritanopia

59.4656, 55.5036, 62.8374

Trichromacy



Original Color

56.4849, 55.5709, 47.7936

Protanomaly

54.2796, 55.7152, 48.9676

Deuteranomaly

56.7939, 55.7302, 47.8080

Tritanomaly

58.2256, 55.3098, 56.8972

Monochromacy



Original Color

56.4849, 55.5709, 47.7936

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.4325, 55.9697, 56.0784

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4849, 55.5709, 47.7936 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(223, 190, 174)` looks like.

```
.text, #text, p{  
    color:rgb(223, 190, 174)  
}
```

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(223, 190, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 190, 174) }
```

Border

The CSS property to change the border of an element to XYZ 56.4849, 55.5709, 47.7936 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(223, 190, 174) }
```


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

```
.border{ border-color:rgb(223, 190, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 190, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 190, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 190, 174);  
box-shadow:4px 4px 4px 4px rgb(223, 190,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4849, 55.5709, 47.7936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 190, 174) }
```

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

```
.background{ background-color: rgb(223,  
190, 174) }
```

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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