

Converting Colors

XYZ(55.1582, 58.2134, 48.3736)

Have a look what the booklet for
XYZ(55.1582, 58.2134, 48.3736)
contains.

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Color

**XYZ(55.1582, 58.2134,
48.3736)**

Conversions

Conversions Part 1

Format	Color
Hex	D3C8AE
RGB	211, 200, 174
RGB Percent	83%, 78%, 68%
CMY	0.1725, 0.2157, 0.3176
CMYK	0.00, 0.05, 0.18, 0.17
HSL	42°, 30%, 75%
HSV	42°, 18%, 83%
XYZ	55.1582, 58.2134, 48.3736
YIQ	200.3250, 14.9020, -5.7540

Conversions

Conversions Part 2

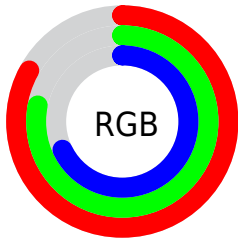
Format	Color
RYB	190, 211, 174
Decimal	13879470
CIELab	80.86, -0.43, 14.39
CIELCh	81, 14.393, 91.723
Yxy	58.2134, 0.3410, 0.3599
Android (android.graphics.Color)	4292069550 (0xFFD3C8AE)
YUV	200.3250, -12.9782, 9.3620
Hunter-Lab	76.2977, -4.4773, 15.8179

Details

The XYZ color **55.1582, 58.2134, 48.3736** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.5622, 48.3987, 68.5162**, and the grayscale version is **55.1724, 58.0457, 63.2117**.

A 20% lighter version of the original color is **91.2829, 98.4932, 89.0629**, and **27.5020, 29.0308, 22.5664** is the 20% darker color. If you saturate the color by 10%, you get **51.8386, 54.6112, 37.9032**, and if you desaturate by 10%, it is **58.8637, 62.0692, 60.5682**.

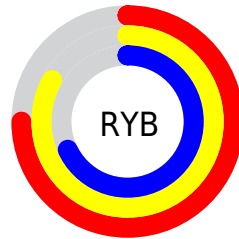
Distribution



Red (83%)

Green (78%)

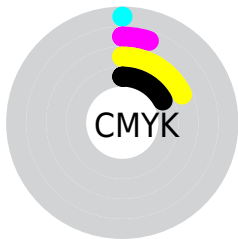
Blue (68%)



Red (75%)

Yellow (83%)

Blue (68%)

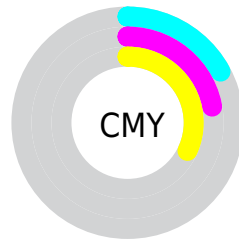


Cyan (0%)

Magenta (5%)

Yellow (18%)

Black (17%)



Cyan (17%)

Magenta (22%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.1582, 58.2134, 48.3736 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 55.1582, 58.2134, 48.3736 by changing the saturation by 10% instead.

■ 55.1582, 58.2134,
48.3736

■ 55.1582, 58.2134,
48.3736

396.6380,
417.9806, 396.8224

■ 39.7627, 41.9802,
33.7607

■ 96.9197, 102.2336,
89.1317

■ 27.5370, 29.0858,
22.4340

124.0164,
130.7893, 116.1141

■ 18.1156, 19.1457,
13.9748

155.7443,
164.2214, 148.0567

■ 11.1332, 11.7756,
7.9646

192.4686,
202.9143, 185.3781

■ 6.2245, 6.5911,
3.9848

234.5548,
247.2522, 228.4968

■ 3.0240, 3.2077,
1.6170

282.3682,

■ 1.1665, 1.2411,

297.6196, 277.8314

0.3029

336.2741,
354.4010, 333.8005

■ 0.0796, 0.0949,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.1582, 58.2134,
48.3736

■ 55.1582, 58.2134,
48.3736

■ 51.8386, 54.6112,
37.9032

■ 58.8637, 62.0692,
60.5682

■ 48.8844, 51.2474,
29.0739

■ 62.9652, 66.1778,
74.5576

■ 46.2802, 48.1167,
21.8011

■ 67.4781, 70.5485,
90.4129

■ 44.0077, 45.2104,
15.9912

■ 71.8629, 74.9666,
105.2902

■ 42.0463, 42.5193,
11.5404

■ 73.5903, 78.4213,
105.8659

■ 40.3731, 40.0329,
8.3312

■ 75.3806, 82.0018,
106.4627

■ 38.9612, 37.7393,
6.2260

■ 77.2344, 85.7095,
107.0806

■ 37.7736, 35.6224,
5.0343

■ 79.1524, 89.5455,
107.7200

■ 37.5004, 35.1215,
4.8027

■ 80.6741, 92.5890,
108.2272

Harmonies

Analogous

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



58.0856, 58.2134, 50.0190



55.1582, 58.2134, 48.3736



52.3753, 58.2134, 50.4410

Triad

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



55.1582, 58.2134, 48.3736



50.6038, 58.2134, 72.3985



60.5243, 58.2134, 71.4699

Complementary

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



55.1582, 58.2134, 48.3736



46.5622, 48.3987, 68.5162

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.



58.3940, 58.2134, 78.3720



55.1582, 58.2134, 48.3736



52.6631, 58.2134, 78.9411

Square

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



55.1582, 58.2134, 48.3736



49.8049, 58.2134, 63.8786



55.5023, 58.2134, 81.2179



61.2495, 58.2134, 62.8930

Rectangle

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



55.1582, 58.2134, 48.3736



50.9582, 58.2134, 53.7645



55.5023, 58.2134, 81.2179



59.9451, 58.2134, 74.0886

Sweetspot

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



55.1598, 58.2160, 48.3748



91.8677, 96.8121, 98.0461



50.7682, 47.6288, 52.4726



19.5705, 20.6276, 20.6717



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.



55.1598, 58.2160, 48.3748



82.7273, 87.2816, 68.0231



55.7271, 62.4259, 49.1575



12.4944, 13.1796, 12.4974



22.7244, 21.3818, 2.9294



1.3379, 1.3302, 0.1862

Inverse Universe

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



46.5622, 48.3987, 68.5162



67.1653, 69.5135, 104.4852



46.0447, 44.8483, 67.8582



11.4460, 11.9822, 14.9532



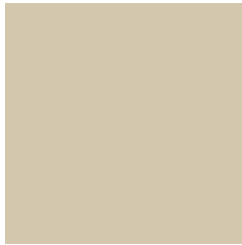
8.2371, 5.1209, 37.7468



0.5297, 0.4247, 2.1336

Previews

White Background



This preview shows how the XYZ color 55.1582, 58.2134, 48.3736 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 55.1582, 58.2134, 48.3736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

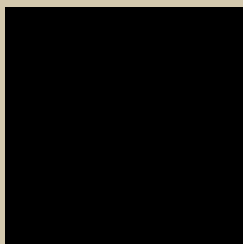
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

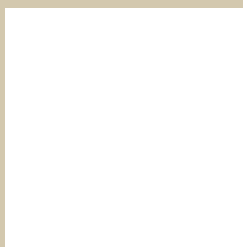
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.1582, 58.2134, 48.3736

Background



This preview shows how black text looks on a background with the XYZ color 55.1582, 58.2134, 48.3736.

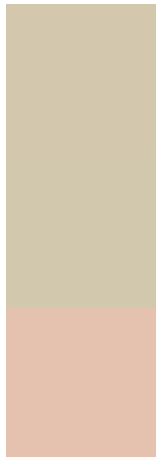


This preview shows how white text looks on a background with the XYZ color 55.1582, 58.2134,

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

55.1582, 58.2134, 48.3736

Protanopia

54.8726, 58.0662, 48.3602

Deuteranopia

59.1209, 57.8931, 48.6159



Tritanopia

59.4669, 58.2823, 69.0881

Trichromacy



Original Color

55.1582, 58.2134, 48.3736

Protanomaly

54.8726, 58.0662, 48.3602

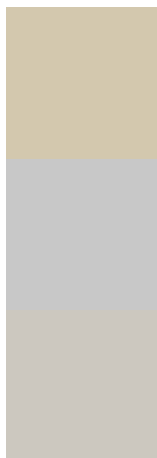
Deuteranomaly

57.6020, 58.1046, 48.7368

Tritanomaly

57.7759, 58.2599, 61.0235

Monochromacy



Original Color

55.1582, 58.2134, 48.3736

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.9601, 57.9075, 57.5708

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1582, 58.2134, 48.3736 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(211, 200, 174)` looks like.

```
.text, #text, p{  
    color:rgb(211, 200, 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(211, 200, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 200, 174) }
```

Border

The CSS property to change the border of an element to XYZ 55.1582, 58.2134, 48.3736 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(211, 200, 174) }
```


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

```
.border{ border-color:rgb(211, 200, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 200, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 200, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 200, 174);  
box-shadow:4px 4px 4px 4px rgb(211, 200,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1582, 58.2134, 48.3736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 200, 174) }
```

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

```
.background{ background-color: rgb(211,  
200, 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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