

Converting Colors

XYZ(58.2278, 62.8402, 43.6182)

Have a look what the booklet for
XYZ(58.2278, 62.8402, 43.6182)
contains.

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Color

**XYZ(58.0802, 62.6615,
43.6841)**

Conversions

Conversions Part 1

Format	Color
Hex	DAD0A3
RGB	218, 208, 163
RGB Percent	85%, 82%, 64%
CMY	0.1451, 0.1843, 0.3608
CMYK	0.00, 0.05, 0.25, 0.15
HSL	49°, 43%, 75%
HSV	49°, 25%, 85%
XYZ	58.0802, 62.6615, 43.6841
YIQ	205.8600, 20.4050, -11.8750

Conversions

Conversions Part 2

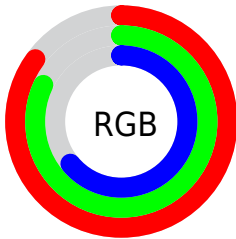
Format	Color
RYB	175, 218, 163
Decimal	14340259
CIELab	83.26, -3.57, 23.64
CIELCh	83, 23.904, 98.585
Yxy	62.6615, 0.3532, 0.3811
Android (android.graphics.Color)	4292530339 (0xFFDAD0A3)
YUV	205.8600, -21.1300, 10.6468
Hunter-Lab	79.1590, -7.5601, 22.6920

Details

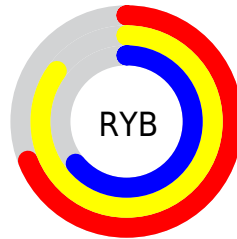
The XYZ color **58.0802, 62.6615, 43.6841** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.7026, 42.7347, 72.3280**, and the grayscale version is **58.6998, 61.7567, 67.2531**.

A 20% lighter version of the original color is **89.6549, 97.8420, 80.4897**, and **29.5291, 32.0454, 19.6680** is the 20% darker color. If you saturate the color by 10%, you get **55.3396, 60.0411, 33.9505**, and if you desaturate by 10%, it is **61.1849, 65.4705, 55.2017**.

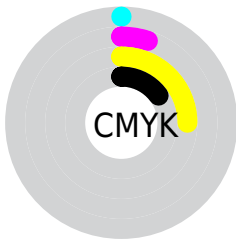
Distribution



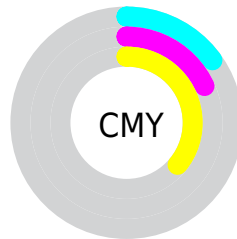
- Red (85%)
- Green (82%)
- Blue (64%)



- Red (69%)
- Yellow (85%)
- Blue (64%)



- Cyan (0%)
- Magenta (5%)
- Yellow (25%)
- Black (15%)



- Cyan (15%)
- Magenta (18%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0802, 62.6615, 43.6841 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 58.0802, 62.6615, 43.6841 by changing the saturation by 10% instead.

■ 58.0802, 62.6615,
43.6841

■ 58.0802, 62.6615,
43.6841

407.4338,
434.3400, 377.4212

■ 42.1166, 45.5674,
30.0869

■ 101.1619,
108.6810, 82.0396

■ 29.3841, 31.9046,
19.6519

■ 129.0108,
138.3752, 107.6349

■ 19.5174, 21.2886,
11.9607

161.5522,
173.0383, 138.0667

■ 12.1509, 13.3352,
6.5947

199.1514,
213.0546, 173.7534

■ 6.9195, 7.6597,
3.1354

242.1738,
258.8085, 215.1137

■ 3.4577, 3.8780,
1.1642

290.9848,

■ 1.4002, 1.6056,

310.6844, 262.5661

0.0000

345.9496,
369.0668, 316.5291

■ 0.2563, 0.3613,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.0802, 62.6615,
43.6841

■ 58.0802, 62.6615,
43.6841

■ 55.3396, 60.0411,
33.9505

■ 61.1849, 65.4705,
55.2017

■ 52.9408, 57.5936,
25.9059

■ 64.6651, 68.4664,
68.5838

■ 50.8665, 55.3139,
19.4526

■ 68.5376, 71.6584,
83.9109

■ 49.0956, 53.1934,
14.4811

■ 72.8167, 75.0524,
101.2575

■ 47.6047, 51.2223,
10.8681

■ 74.6560, 77.5102,
105.6339

■ 46.3663, 49.3895,
8.4703

■ 75.7572, 79.7128,
106.0010

■ 45.3470, 47.6811,
7.1121

■ 76.8836, 81.9656,
106.3765

■ 44.9102, 46.8988,
6.6853

■ 78.0354, 84.2690,
106.7604

■ 79.2125, 86.6233,
107.1528

Harmonies

Analogous

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



63.2774, 62.6615, 44.9239



58.0802, 62.6615, 43.6841



53.5467, 62.6615, 48.2318

Triad

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



58.0802, 62.6615, 43.6841



52.0908, 62.6615, 87.6556



69.3426, 62.6615, 79.2073

Complementary

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



58.0802, 62.6615, 43.6841



42.7026, 42.7347, 72.3280

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.



66.0029, 62.6615, 93.1033



58.0802, 62.6615, 43.6841



55.9870, 62.6615, 98.4527

Square

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



58.0802, 62.6615, 43.6841



50.2228, 62.6615, 72.5848



61.0604, 62.6615, 100.5792



69.9835, 62.6615, 64.0486

Rectangle

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



58.0802, 62.6615, 43.6841



51.4387, 62.6615, 54.3850



61.0604, 62.6615, 100.5792



68.4894, 62.6615, 84.2400

Sweetspot

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



58.0818, 62.6643, 43.6854



90.7663, 96.4124, 92.1202



49.5622, 44.1210, 45.4823



19.2640, 20.4962, 19.0852



0.0000, 0.0000, 0.0000



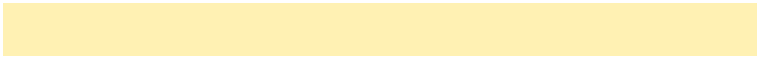
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.0818, 62.6643, 43.6854



80.8103, 87.4628, 55.0060



55.6583, 65.1474, 44.2924



13.9505, 14.8404, 13.8548



26.9784, 28.2425, 4.0294



1.8013, 1.9367, 0.2789

Inverse Universe

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



42.7026, 42.7347, 72.3280



55.4632, 54.6205, 102.2273



44.6724, 41.0106, 71.8914



12.5291, 12.9980, 16.5006



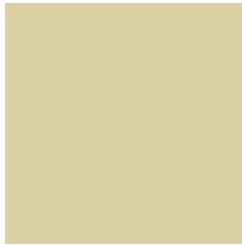
8.0851, 4.0396, 40.0920



0.5817, 0.3775, 2.6167

Previews

White Background



This preview shows how the XYZ color 58.0802, 62.6615, 43.6841 looks on a white background.

Color Contrast Check

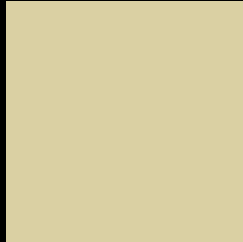
Large Text (above 18pt) WCAG AA × Fail

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 58.0802, 62.6615, 43.6841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

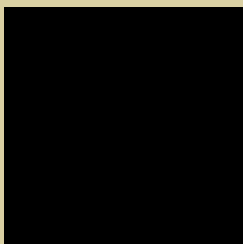
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

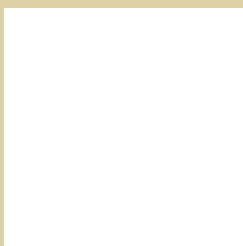
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.0802, 62.6615, 43.6841

Background



This preview shows how black text looks on a background with the XYZ color 58.0802, 62.6615, 43.6841.



This preview shows how white text looks on a background with the XYZ color 58.0802, 62.6615,

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

58.0802, 62.6615, 43.6841

Protanopia

58.7425, 62.6421, 43.6454

Deuteranopia

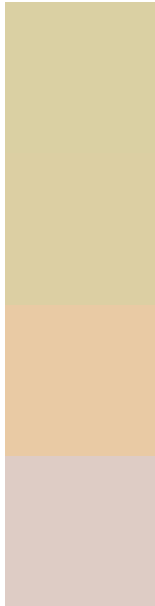
63.8329, 62.4407, 44.2852



Tritanopia

64.3327, 62.7387, 73.6848

Trichromacy



Original Color

58.0802, 62.6615, 43.6841

Protanomaly

58.4389, 62.4856, 43.6312

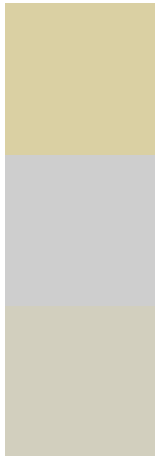
Deuteranomaly

61.4256, 62.2450, 43.8990

Tritanomaly

61.7951, 62.7465, 61.6777

Monochromacy



Original Color

58.0802, 62.6615, 43.6841

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.1854, 62.0450, 57.6244

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0802, 62.6615, 43.6841 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, 208, 163)` looks like.

```
.text, #text, p{  
    color:rgb(218, 208, 163)  
}
```

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, 208, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 208, 163) }
```

Border

The CSS property to change the border of an element to XYZ 58.0802, 62.6615, 43.6841 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, 208, 163) }
```


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

```
.border{ border-color:rgb(218, 208, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 208, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 208, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 208, 163); box-shadow:4px 4px 4px 4px rgb(218, 208, 163) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0802, 62.6615, 43.6841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 208, 163) }
```

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

```
.background{ background-color: rgb(218,  
208, 163) }
```

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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