

Converting Colors

XYZ(58.7574, 64.9485, 39.5765)

Have a look what the booklet for
XYZ(58.7574, 64.9485, 39.5765)
contains.

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Color

**XYZ(58.7574, 64.9485,
39.5765)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD599
RGB	219, 213, 153
RGB Percent	86%, 84%, 60%
CMY	0.1412, 0.1647, 0.4000
CMYK	0.00, 0.03, 0.30, 0.14
HSL	55°, 48%, 73%
HSV	55°, 30%, 86%
XYZ	58.7574, 64.9485, 39.5765
YIQ	207.9540, 22.8360, -17.3880

Conversions

Conversions Part 2

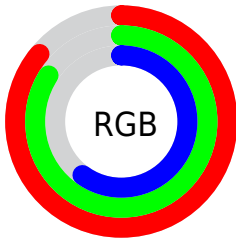
Format	Color
RYB	160, 219, 153
Decimal	14407065
CIELab	84.46, -7.07, 30.47
CIELCh	84, 31.279, 103.061
Yxy	64.9485, 0.3599, 0.3978
Android (android.graphics.Color)	4292597145 (0xFFDDBD599)
YUV	207.9540, -27.0923, 9.6873
Hunter-Lab	80.5906, -10.8920, 27.2973

Details

The XYZ color **58.7574, 64.9485, 39.5765** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.3210, 36.6820, 72.0784**, and the grayscale version is **60.0855, 63.2146, 68.8407**.

A 20% lighter version of the original color is **88.3852, 97.3341, 73.8035**, and **29.6801, 33.1798, 17.1520** is the 20% darker color. If you saturate the color by 10%, you get **56.6155, 63.2984, 30.7429**, and if you desaturate by 10%, it is **61.2408, 66.7496, 50.1633**.

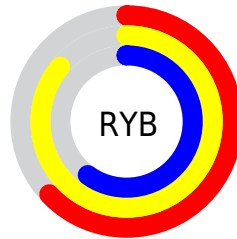
Distribution



Red (86%)

Green (84%)

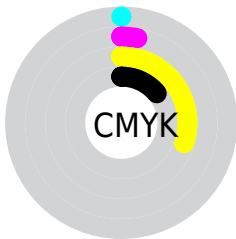
Blue (60%)



Red (63%)

Yellow (86%)

Blue (60%)

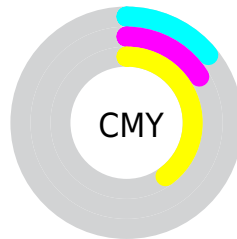


Cyan (0%)

Magenta (3%)

Yellow (30%)

Black (14%)



Cyan (14%)

Magenta (16%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7574, 64.9485, 39.5765 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 58.7574, 64.9485, 39.5765 by changing the saturation by 10% instead.

■ 58.7574, 64.9485,
39.5765

■ 58.7574, 64.9485,
39.5765

409.9108,
442.6069, 359.8342

■ 42.6635, 47.4193,
26.8972

■ 102.1416,
111.9758, 75.7482

■ 29.8145, 33.3673,
17.2643

■ 130.1627,
142.2427, 100.0777

■ 19.8452, 22.4079,
10.2592

162.8901,
177.5244, 129.1277

■ 12.3902, 14.1570,
5.4633

200.6893,
218.2051, 163.3168

■ 7.0841, 8.2299,
2.4581

243.9256,
264.6693, 203.0634

■ 3.5615, 4.2424,
0.8178

292.9644,

■ 1.4572, 1.8101,

317.3014, 248.7862

0.0000

348.1710,
376.4858, 300.9036

■ 0.2964, 0.4934,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.7574, 64.9485,
39.5765

■ 58.7574, 64.9485,
39.5765

■ 56.6155, 63.2984,
30.7429

■ 61.2408, 66.7496,
50.1633

■ 54.7919, 61.7830,
23.5626

■ 64.0775, 68.6996,
62.5876

■ 53.2683, 60.3975,
17.9320

■ 67.2848, 70.8078,
76.9334

■ 52.0224, 59.1327,
13.7342

■ 70.8776, 73.0800,
93.2780

■ 51.0289, 57.9786,
10.8356

■ 73.6380, 75.0292,
105.2087

■ 50.2577, 56.9231,
9.0775

■ 74.1724, 76.0981,
105.3868

■ 49.6620, 55.9573,
8.1834

■ 74.7131, 77.1795,
105.5671

■ 75.2601, 78.2734,
105.7494

■ 75.8134, 79.3800,
105.9338

Harmonies

Analogous

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



65.7119, 64.9485, 40.0339



58.7574, 64.9485, 39.5765



53.0406, 64.9485, 46.2563

Triad

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



58.7574, 64.9485, 39.5765



52.4642, 64.9485, 100.2355



75.4338, 64.9485, 82.4781

Complementary

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



58.7574, 64.9485, 39.5765



38.3210, 36.6820, 72.0784

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.



71.3237, 64.9485, 102.5664



58.7574, 64.9485, 39.5765



57.9154, 64.9485, 114.0653

Square

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



58.7574, 64.9485, 39.5765



49.5953, 64.9485, 79.7345



64.8045, 64.9485, 114.9906



75.7019, 64.9485, 62.4080

Rectangle

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



58.7574, 64.9485, 39.5765



50.5569, 64.9485, 54.7419



64.8045, 64.9485, 114.9906



74.4424, 64.9485, 89.5341

Sweetspot

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



58.7590, 64.9514, 39.5779



90.9112, 97.2863, 90.3678



46.9154, 40.3674, 38.3944



19.3243, 20.7331, 18.7468



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.



58.7590, 64.9514, 39.5779



81.0264, 90.2267, 47.8893



52.9721, 64.2481, 39.7471



14.0558, 15.0510, 13.8899



29.4896, 33.2647, 4.8665



1.9407, 2.2154, 0.3253

Inverse Universe

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



38.3210, 36.6820, 72.0784



47.8599, 44.3570, 100.6470



42.8611, 37.5292, 72.0027



12.4333, 12.8064, 16.4687



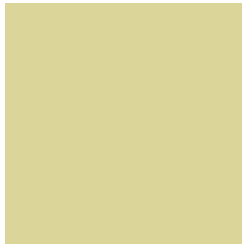
7.7632, 3.3958, 39.9847



0.5364, 0.2870, 2.6016

Previews

White Background



This preview shows how the XYZ color 58.7574, 64.9485, 39.5765 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 58.7574, 64.9485, 39.5765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

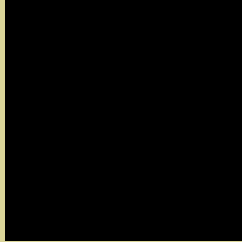
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

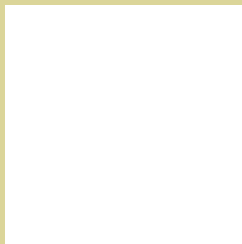
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.7574, 64.9485, 39.5765

Background



This preview shows how black text looks on a background with the XYZ color 58.7574, 64.9485, 39.5765.



This preview shows how white text looks on a background with the XYZ color 58.7574, 64.9485,

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

58.7574, 64.9485, 39.5765

Protanopia

60.6403, 65.1864, 39.0919

Deuteranopia

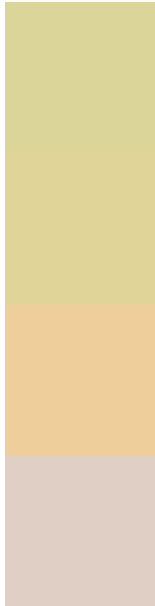
66.1038, 64.7474, 40.0238



Tritanopia

66.1897, 64.6839, 76.7068

Trichromacy



Original Color

58.7574, 64.9485, 39.5765

Protanomaly

59.9514, 65.2013, 39.1311

Deuteranomaly

63.1639, 64.6529, 39.7220

Tritanomaly

63.0171, 64.4585, 61.3449

Monochromacy



Original Color

58.7574, 64.9485, 39.5765

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.2751, 63.7211, 56.7522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7574, 64.9485, 39.5765 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(219, 213, 153)` looks like.

```
.text, #text, p{  
    color:rgb(219, 213, 153)  
}
```

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(219, 213, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 213, 153) }
```

Border

The CSS property to change the border of an element to XYZ 58.7574, 64.9485, 39.5765 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(219, 213, 153) }
```


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

```
.border{ border-color:rgb(219, 213, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 213, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 213, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 213, 153);  
box-shadow:4px 4px 4px 4px rgb(219, 213,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7574, 64.9485, 39.5765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 213, 153) }
```

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

```
.background{ background-color: rgb(219,  
213, 153) }
```

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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