

Converting Colors

XYZ(58.7949, 63.9770, 46.3402)

Have a look what the booklet for
XYZ(58.7949, 63.9770, 46.3402)
contains.

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Color

**XYZ(58.9774, 64.1674,
46.3229)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D3A8
RGB	217, 211, 168
RGB Percent	85%, 83%, 66%
CMY	0.1490, 0.1725, 0.3412
CMYK	0.00, 0.03, 0.23, 0.15
HSL	53°, 39%, 75%
HSV	53°, 23%, 85%
XYZ	58.9774, 64.1674, 46.3229
YIQ	207.8920, 17.3790, -12.1010

Conversions

Conversions Part 2

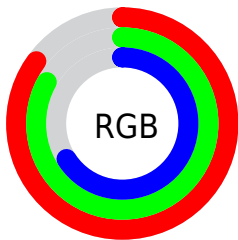
Format	Color
RYB	175, 217, 168
Decimal	14275496
CIELab	84.05, -4.79, 22.08
CIELCh	84, 22.598, 102.250
Yxy	64.1674, 0.3480, 0.3786
Android (android.graphics.Color)	4292465576 (0xFFD9D3A8)
YUV	207.8920, -19.6668, 7.9877
Hunter-Lab	80.1046, -8.7614, 21.7869

Details

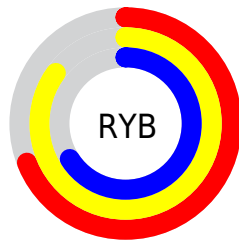
The XYZ color **58.9774, 64.1674, 46.3229** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.8087, 43.6056, 71.7536**, and the grayscale version is **60.0012, 63.1259, 68.7441**.

A 20% lighter version of the original color is **90.3193, 98.1077, 83.9884**, and **30.1096, 33.0563, 21.3165** is the 20% darker color. If you saturate the color by 10%, you get **56.4687, 62.1194, 36.3314**, and if you desaturate by 10%, it is **61.8378, 66.3779, 58.0975**.

Distribution



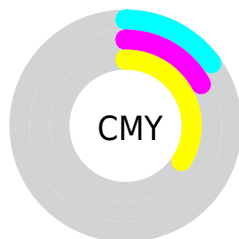
- Red (85%)
- Green (83%)
- Blue (66%)



- Red (69%)
- Yellow (85%)
- Blue (66%)



- Cyan (0%)
- Magenta (3%)
- Yellow (23%)
- Black (15%)



- Cyan (15%)
- Magenta (17%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9774, 64.1674, 46.3229 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 58.9774, 64.1674, 46.3229 by changing the saturation by 10% instead.

■ 58.9774, 64.1674,
46.3229

■ 58.9774, 64.1674,
46.3229

410.7136,
439.7939, 388.4205

■ 42.8412, 46.7863,
32.1502

■ 102.4596,
110.8520, 86.0414

■ 29.9545, 32.8667,
21.2105

■ 130.5364,
140.9242, 112.4243

■ 19.9520, 22.0244,
13.0852

163.3241,
175.9956, 143.7143

■ 12.4682, 13.8748,
7.3558

201.1880,
216.4506, 180.3300

■ 7.1378, 8.0336,
3.6038

244.4936,
262.6735, 222.6900

■ 3.5956, 4.1165,
1.4106

293.6061,

■ 1.4760, 1.7389,

315.0488, 271.2127

0.1500

348.8910,
373.9608, 326.3167

■ 0.3094, 0.4487,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.9774, 64.1674,
46.3229

■ 58.9774, 64.1674,
46.3229

■ 56.4687, 62.1194,
36.3314

■ 61.8378, 66.3779,
58.0975

■ 54.2898, 60.2185,
28.0309

■ 65.0605, 68.7486,
71.7333

■ 52.4242, 58.4602,
21.3270

■ 68.6617, 71.2884,
87.3083

■ 50.8519, 56.8364,
16.1146

■ 72.6554, 74.0027,
104.8953

■ 49.5505, 55.3380,
12.2759

■ 73.3964, 75.4338,
105.2995

■ 48.4942, 53.9547,
9.6754

■ 74.1167, 76.8745,
105.5396

■ 47.6519, 52.6739,
8.1498

■ 74.8483, 78.3375,
105.7835

■ 47.1267, 51.7743,
7.5096

■ 75.5910, 79.8230,
106.0311

■ 76.3451, 81.3312,
106.2824

Harmonies

Analogous

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



63.9590, 64.1674, 46.8433



58.9774, 64.1674, 46.3229



54.7672, 64.1674, 51.4496

Triad

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



58.9774, 64.1674, 46.3229



54.1640, 64.1674, 90.0034



70.5837, 64.1674, 78.5771

Complementary

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



58.9774, 64.1674, 46.3229



43.8087, 43.6056, 71.7536

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.



67.6654, 64.1674, 92.2270



58.9774, 64.1674, 46.3229



58.1127, 64.1674, 99.4170

Square

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



58.9774, 64.1674, 46.3229



52.0915, 64.1674, 75.8570



63.0462, 64.1674, 100.2822



70.8465, 64.1674, 64.2017

Rectangle

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



58.9774, 64.1674, 46.3229



52.8916, 64.1674, 57.8465



63.0462, 64.1674, 100.2822



69.8737, 64.1674, 83.4479

Sweetspot

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



58.9791, 64.1703, 46.3243



91.6152, 97.5177, 94.2299



50.3106, 45.8346, 46.5137



19.5487, 20.8282, 19.9122



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.



58.9791, 64.1703, 46.3243



83.2503, 91.0743, 59.7294



55.4433, 64.5999, 46.5935



14.0192, 14.9777, 13.8777



28.5805, 31.4465, 4.5634



1.8906, 2.1153, 0.3087

Inverse Universe

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



43.8087, 43.6056, 71.7536



57.7559, 56.5173, 102.4726



46.7693, 43.4508, 71.5677



12.4664, 12.8726, 16.4797



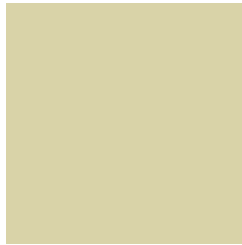
7.8537, 3.5769, 40.0149



0.5521, 0.3184, 2.6068

Previews

White Background



This preview shows how the XYZ color 58.9774, 64.1674, 46.3229 looks on a white background.

Color Contrast Check

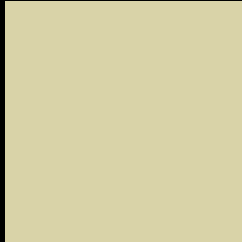
Large Text (above 18pt) WCAG AA × Fail

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 58.9774, 64.1674, 46.3229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

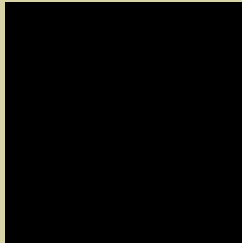
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

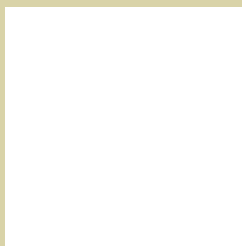
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.9774, 64.1674, 46.3229

Background



This preview shows how black text looks on a background with the XYZ color 58.9774, 64.1674, 46.3229.



This preview shows how white text looks on a background with the XYZ color 58.9774, 64.1674,

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

58.9774, 64.1674, 46.3229

Protanopia

60.2069, 64.0789, 45.7544

Deuteranopia

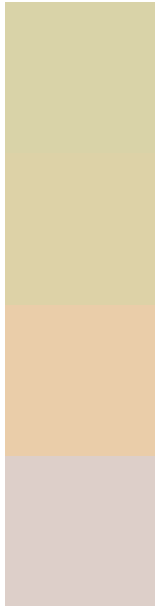
65.1045, 63.7303, 46.9000



Tritanopia

65.2516, 64.2003, 76.6629

Trichromacy



Original Color

58.9774, 64.1674, 46.3229

Protanomaly

59.8404, 64.2554, 45.8078

Deuteranomaly

62.9244, 64.0196, 46.5767

Tritanomaly

62.6742, 64.2148, 64.3498

Monochromacy



Original Color

58.9774, 64.1674, 46.3229

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.2901, 63.3001, 59.5453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9774, 64.1674, 46.3229 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(217, 211, 168)` looks like.

```
.text, #text, p{  
    color:rgb(217, 211, 168)  
}
```

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(217, 211, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 211, 168) }
```

Border

The CSS property to change the border of an element to XYZ 58.9774, 64.1674, 46.3229 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(217, 211, 168) }
```


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

```
.border{ border-color:rgb(217, 211, 168) }
```

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

Here you see how a box with a 4 pixel rgb(217, 211, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 211, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 211, 168);  
box-shadow:4px 4px 4px 4px rgb(217, 211,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9774, 64.1674, 46.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 211, 168) }
```

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

```
.background{ background-color: rgb(217,  
211, 168) }
```

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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