

Converting Colors

XYZ(59.8232, 64.3192, 42.5195)

Have a look what the booklet for
XYZ(59.8232, 64.3192, 42.5195)
contains.

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Color

**XYZ(59.8232, 64.3192,
42.5195)**

Conversions

Conversions Part 1

Format	Color
Hex	DFD2A0
RGB	223, 210, 160
RGB Percent	87%, 82%, 63%
CMY	0.1255, 0.1764, 0.3725
CMYK	0.00, 0.06, 0.28, 0.13
HSL	48°, 50%, 75%
HSV	48°, 28%, 87%
XYZ	59.8232, 64.3192, 42.5195
YIQ	208.1870, 23.7980, -12.7940

Conversions

Conversions Part 2

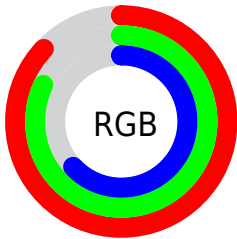
Format	Color
RYB	176, 223, 160
Decimal	14668448
CIELab	84.13, -3.11, 26.45
CIELCh	84, 26.636, 96.696
Yxy	64.3192, 0.3589, 0.3859
Android (android.graphics.Color)	4292858528 (0xFFDFD2A0)
YUV	208.1870, -23.7562, 12.9910
Hunter-Lab	80.1993, -7.1998, 24.7055

Details

The XYZ color **59.8232, 64.3192, 42.5195** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.7598, 42.6874, 75.7981**, and the grayscale version is **60.2154, 63.3513, 68.9895**.

A 20% lighter version of the original color is **89.2657, 97.6863, 78.4405**, and **30.5316, 33.0751, 18.9623** is the 20% darker color. If you saturate the color by 10%, you get **56.9259, 61.3714, 32.7773**, and if you desaturate by 10%, it is **63.1064, 67.4781, 54.1182**.

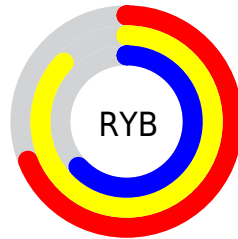
Distribution



Red (87%)

Green (82%)

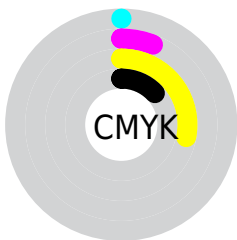
Blue (63%)



Red (69%)

Yellow (87%)

Blue (63%)

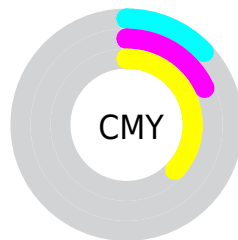


Cyan (0%)

Magenta (6%)

Yellow (28%)

Black (13%)



Cyan (13%)

Magenta (18%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8232, 64.3192, 42.5195 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 59.8232, 64.3192, 42.5195 by changing the saturation by 10% instead.

■ 59.8232, 64.3192,
42.5195

■ 59.8232, 64.3192,
42.5195

413.7910,
440.3414, 372.4950

■ 43.5251, 46.9093,
29.1797

■ 103.6810,
111.0705, 80.2638

■ 30.4936, 32.9639,
18.9700

■ 131.9713,
141.1807, 105.5054

■ 20.3635, 22.0988,
11.4720

164.9897,
176.2930, 135.5513

■ 12.7693, 13.9295,
6.2671

203.1016,
216.7919, 170.8201

■ 7.3458, 8.0717,
2.9368

246.6723,
263.0619, 211.7304

■ 3.7275, 4.1408,
1.0624

296.0672,

■ 1.5492, 1.7527,

315.4871, 258.7006

0.0000

351.6517,
374.4522, 312.1492

■ 0.3589, 0.4574,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.8232, 64.3192,
42.5195

■ 59.8232, 64.3192,
42.5195

■ 56.9259, 61.3714,
32.7773

■ 63.1064, 67.4781,
54.1182

■ 54.3906, 58.6179,
24.7888

■ 66.7881, 70.8469,
67.6607

■ 52.1983, 56.0530,
18.4477

■ 70.8865, 74.4353,
83.2335

■ 50.3258, 53.6669,
13.6342

■ 75.4170, 78.2502,
100.9167

48.7471, 51.4489,
10.2123

77.6219, 81.1887,
106.1876

47.4316, 49.3861,
8.0217

78.9412, 83.8273,
106.6274

46.3348, 47.4604,
6.8307

80.2947, 86.5342,
107.0785

46.1540, 47.1330,
6.6650

81.6826, 89.3101,
107.5412

83.1052, 92.1554,
108.0154

Harmonies

Analogous

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



65.7215, 64.3192, 44.2809



59.8232, 64.3192, 42.5195



54.6162, 64.3192, 47.1240

Triad

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



59.8232, 64.3192, 42.5195



52.4997, 64.3192, 91.2440



72.1290, 64.3192, 83.6554

Complementary

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



59.8232, 64.3192, 42.5195



42.7598, 42.6874, 75.7981

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.



68.1496, 64.3192, 99.3722



59.8232, 64.3192, 42.5195



56.7641, 64.3192, 104.2216

Square

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



59.8232, 64.3192, 42.5195



50.5670, 64.3192, 73.8807



62.4627, 64.3192, 107.4126



73.0780, 64.3192, 66.3206

Rectangle

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



59.8232, 64.3192, 42.5195



52.1533, 64.3192, 53.6991



62.4627, 64.3192, 107.4126



71.0895, 64.3192, 89.3820

Sweetspot

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



59.8249, 64.3221, 42.5208



90.6099, 96.0996, 92.0680



50.6087, 43.8727, 45.6674



19.2244, 20.4169, 19.0720



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.



59.8249, 64.3221, 42.5208



78.6537, 84.7340, 49.4023



57.9516, 68.3143, 43.3902



14.6192, 15.5243, 14.5328



27.2211, 27.8802, 3.9467



1.9480, 2.0549, 0.2940

Inverse Universe

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



42.7598, 42.6874, 75.7981



51.8601, 50.7731, 101.6746



44.2165, 39.9174, 75.1867



13.1800, 13.6990, 17.3372



8.4713, 4.4122, 41.4535



0.6513, 0.4341, 2.8947

Previews

White Background



This preview shows how the XYZ color 59.8232, 64.3192, 42.5195 looks on a white background.

Color Contrast Check

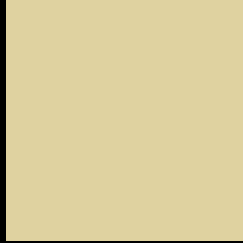
Large Text (above 18pt) WCAG AA × Fail

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 59.8232, 64.3192, 42.5195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

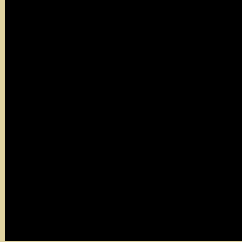
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.8232, 64.3192, 42.5195

Background



This preview shows how black text looks on a background with the XYZ color 59.8232, 64.3192, 42.5195.

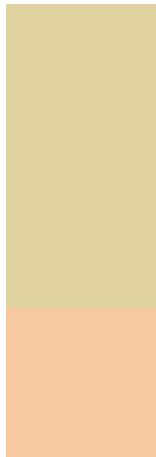


This preview shows how white text looks on a background with the XYZ color 59.8232, 64.3192,

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

59.8232, 64.3192, 42.5195

Protanopia

60.1322, 64.4785, 42.5340

Deuteranopia

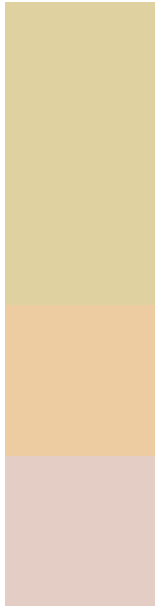
65.4143, 63.9748, 43.0831



Tritanopia

66.4085, 64.1260, 75.2071

Trichromacy



Original Color

59.8232, 64.3192, 42.5195

Protanomaly

60.1322, 64.4785, 42.5340

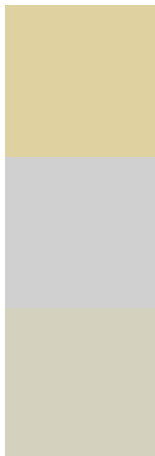
Deuteranomaly

63.2858, 63.9361, 42.7236

Tritanomaly

63.5879, 64.0248, 61.8299

Monochromacy



Original Color

59.8232, 64.3192, 42.5195

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.6450, 63.5087, 58.4050

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8232, 64.3192, 42.5195 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, 210, 160)` looks like.

```
.text, #text, p{  
    color:rgb(223, 210, 160)  
}
```

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, 210, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 210, 160) }
```

Border

The CSS property to change the border of an element to XYZ 59.8232, 64.3192, 42.5195 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, 210, 160) }
```


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

```
.border{ border-color:rgb(223, 210, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 210, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 210, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 210, 160); box-shadow:4px 4px 4px 4px rgb(223, 210, 160) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8232, 64.3192, 42.5195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 210, 160) }
```

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

```
.background{ background-color: rgb(223,  
210, 160) }
```

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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