

Converting Colors

XYZ(59.2332, 61.4678, 41.4409)

Have a look what the booklet for
XYZ(59.2332, 61.4678, 41.4409)
contains.

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Color

**XYZ(59.2925, 61.5460,
41.5554)**

Conversions

Conversions Part 1

Format	Color
Hex	E3CB9F
RGB	227, 203, 159
RGB Percent	89%, 80%, 62%
CMY	0.1098, 0.2039, 0.3765
CMYK	0.00, 0.11, 0.30, 0.11
HSL	39°, 55%, 76%
HSV	39°, 30%, 89%
XYZ	59.2925, 61.5460, 41.5554
YIQ	205.1600, 28.4280, -8.5960

Conversions

Conversions Part 2

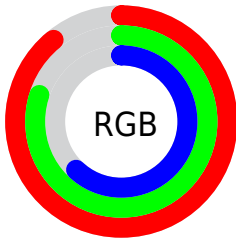
Format	Color
R_{YB}	196, 227, 159
Decimal	14928799
CIE _{Lab}	82.67, 1.92, 25.05
CIE _{LCh}	83, 25.124, 85.622
Yxy	61.5460, 0.3651, 0.3790
Android (android.graphics.Color)	4293118879 (0xFFE3CB9F)
YUV	205.1600, -22.7569, 19.1537
Hunter-Lab	78.4513, -2.3816, 23.5101

Details

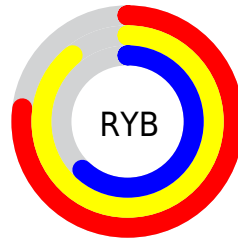
The XYZ color **59.2925, 61.5460, 41.5554** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.0963, 46.7825, 79.3263**, and the grayscale version is **58.2591, 61.2931, 66.7482**.

A 20% lighter version of the original color is **89.1376, 97.6350, 77.7657**, and **30.1959, 31.2144, 18.3434** is the 20% darker color. If you saturate the color by 10%, you get **55.6582, 57.1454, 31.5018**, and if you desaturate by 10%, it is **63.3895, 66.2924, 53.5493**.

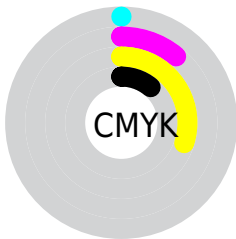
Distribution



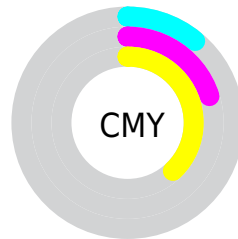
- Red (89%)
- Green (80%)
- Blue (62%)



- Red (77%)
- Yellow (89%)
- Blue (62%)



- Cyan (0%)
- Magenta (11%)
- Yellow (30%)
- Black (11%)





- Cyan (11%)
- Magenta (20%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.2925, 61.5460, 41.5554 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 59.2925, 61.5460, 41.5554 by changing the saturation by 10% instead.


 59.2925, 61.5460,
41.5554


 59.2925, 61.5460,
41.5554


411.8617,
430.2731, 368.3817

 43.0959, 44.6660,
28.4304


 102.9149,
107.0691, 78.7891

 30.1552, 31.1944,
18.4085


 131.0713,
136.4810, 103.7348

 20.1051, 20.7469,
11.0712


163.9451,
170.8389, 133.4579

 12.5802, 12.9391,
5.9999

201.9016,
210.5272, 168.3768

 7.2151, 7.3866,
2.7763

245.3062,
255.9304, 208.9101

 3.6445, 3.7051,
0.9816

294.5241,

 1.5030, 1.5100,

307.4329, 255.4763

0.0000

349.9208,
365.4190, 308.4940

■ 0.3279, 0.2957,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.2925, 61.5460,
41.5554

■ 59.2925, 61.5460,
41.5554

■ 55.6582, 57.1454,
31.5018

■ 63.3895, 66.2924,
53.5493

■ 52.4605, 53.0714,
23.2798

■ 67.9643, 71.3865,
67.5766

■ 49.6779, 49.3150,
16.7758

■ 73.0367, 76.8405,
83.7290

■ 47.2846, 45.8636,
11.8616

■ 78.6244, 82.6637,
102.0914

■ 45.2513, 42.7029,
8.3910

■ 81.7960, 87.6857,
107.2217

■ 43.5435, 39.8165,
6.1906

■ 84.2465, 92.5867,
108.0385

■ 42.1028, 37.1785,
4.9600

■ 85.4886, 95.0709,
108.4525

■ 42.0967, 37.1671,
4.9552

Harmonies

Analogous

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



64.5485, 61.5460, 45.3748



59.2925, 61.5460, 41.5554



54.1282, 61.5460, 43.6497

Triad

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



59.2925, 61.5460, 41.5554



49.6394, 61.5460, 80.6893



67.4775, 61.5460, 85.2139

Complementary

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



59.2925, 61.5460, 41.5554



45.0963, 46.7825, 79.3263

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.



63.0960, 61.5460, 97.5058



59.2925, 61.5460, 41.5554



52.8372, 61.5460, 94.6247

Square

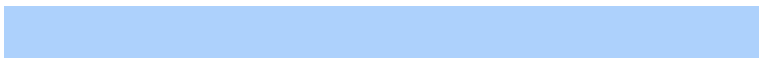
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.2925, 61.5460, 41.5554



48.7581, 61.5460, 64.7724



57.7099, 61.5460, 101.1888



69.4548, 61.5460, 69.3050

Rectangle

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



59.2925, 61.5460, 41.5554



51.3965, 61.5460, 48.3196



57.7099, 61.5460, 101.1888



66.2244, 61.5460, 89.9959

Sweetspot

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



59.2941, 61.5488, 41.5567



89.0433, 93.5505, 89.7451



52.7219, 44.5858, 51.1386



18.8619, 19.8083, 18.5926



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.



59.2941, 61.5488, 41.5567



74.1516, 76.4770, 45.5977



62.6209, 72.3367, 43.4636



15.1513, 15.9164, 15.1781



24.6645, 21.9031, 2.9278



1.9092, 1.7917, 0.2452

Inverse Universe

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



45.0963, 46.7825, 79.3263



52.8435, 54.3242, 102.3082



42.4266, 38.6753, 77.9021



13.9968, 14.7150, 18.2469



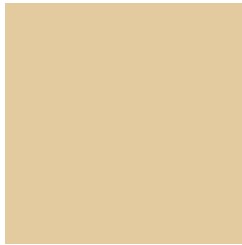
9.8630, 6.7880, 43.1736



0.8138, 0.6715, 3.2187

Previews

White Background



This preview shows how the XYZ color 59.2925, 61.5460, 41.5554 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 59.2925, 61.5460, 41.5554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

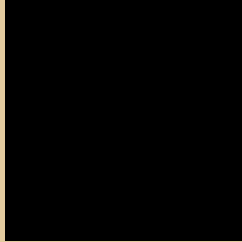
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.2925, 61.5460, 41.5554

Background



This preview shows how black text looks on a background with the XYZ color 59.2925, 61.5460, 41.5554.



This preview shows how white text looks on a background with the XYZ color 59.2925, 61.5460,

41.5554.

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

59.2925, 61.5460, 41.5554

Protanopia

57.6299, 61.7407, 42.1374

Deuteranopia

62.8149, 61.6270, 41.8422



Tritanopia

65.1021, 61.5066, 70.0687

Trichromacy



Original Color

59.2925, 61.5460, 41.5554

Protanomaly

58.3007, 61.7303, 42.1001

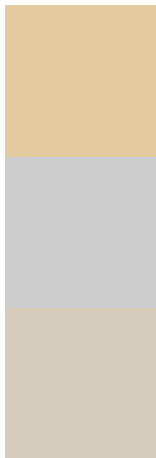
Deuteranomaly

61.5915, 61.6795, 41.9168

Tritanomaly

62.8928, 61.6415, 58.4524

Monochromacy



Original Color

59.2925, 61.5460, 41.5554

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.1105, 60.9627, 56.2812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2925, 61.5460, 41.5554 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(227, 203, 159)` looks like.

```
.text, #text, p{  
    color:rgb(227, 203, 159)  
}
```

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(227, 203, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 203, 159) }
```

Border

The CSS property to change the border of an element to XYZ 59.2925, 61.5460, 41.5554 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(227, 203, 159) }
```


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

```
.border{ border-color:rgb(227, 203, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 203, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 203, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 203, 159);  
box-shadow:4px 4px 4px 4px rgb(227, 203,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2925, 61.5460, 41.5554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 203, 159) }
```

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

```
.background{ background-color: rgb(227,  
203, 159) }
```

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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