

Converting Colors

XYZ(59.6009, 71.5449, 44.4389)

Have a look what the booklet for
XYZ(59.6009, 71.5449, 44.4389)
contains.

XYZ(59.6292, 71.5910, 44.3939)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(59.6292, 71.5910,
44.3939)**

Conversions

Conversions Part 1

Format	Color
Hex	CDE5A1
RGB	205, 229, 161
RGB Percent	80%, 90%, 63%
CMY	0.1961, 0.1019, 0.3686
CMYK	0.10, 0.00, 0.30, 0.10
HSL	81°, 57%, 76%
HSV	81°, 30%, 90%
XYZ	59.6292, 71.5910, 44.3939
YIQ	214.0720, 7.5240, -26.2360

Conversions

Conversions Part 2

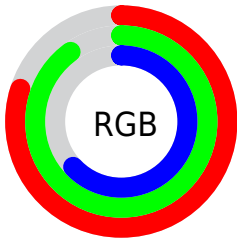
Format	Color
RYB	161, 229, 185
Decimal	13493665
CIELab	87.77, -19.26, 30.61
CIELCh	88, 36.166, 122.173
Yxy	71.5910, 0.3395, 0.4077
Android (android.graphics.Color)	4291683745 (0xFFCDE5A1)
YUV	214.0720, -26.1645, -7.9561
Hunter-Lab	84.6115, -22.2737, 28.1198

Details

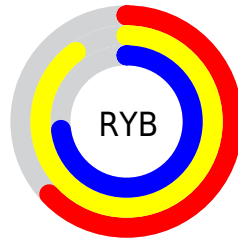
The XYZ color **59.6292, 71.5910, 44.3939** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.8982, 41.4632, 79.6641**, and the grayscale version is **64.1337, 67.4736, 73.4787**.

A 20% lighter version of the original color is **89.3947, 97.7379, 79.1194**, and **30.2816, 37.4753, 20.1054** is the 20% darker color. If you saturate the color by 10%, you get **55.6198, 69.7386, 34.6128**, and if you desaturate by 10%, it is **64.1274, 73.6570, 56.1314**.

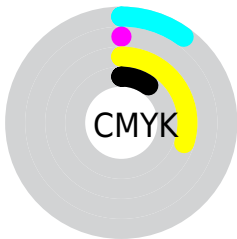
Distribution



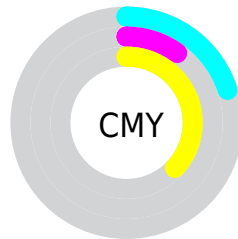
- Red (80%)
- Green (90%)
- Blue (63%)



- Red (63%)
- Yellow (90%)
- Blue (73%)



- Cyan (10%)
- Magenta (0%)
- Yellow (30%)
- Black (10%)





- Cyan (20%)
- Magenta (10%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.6292, 71.5910, 44.3939 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 59.6292, 71.5910, 44.3939 by changing the saturation by 10% instead.


 59.6292, 71.5910,
44.3939


 59.6292, 71.5910,
44.3939


413.0863,
466.1168, 380.4016

 43.3681, 52.8246,
30.6408


 103.4010,
121.4749, 83.1189

 30.3698, 37.6628,
20.0693

 131.6424,
153.3612, 108.9280

 20.2689, 25.7211,
12.2609


164.6081,
190.3895, 139.5927

 12.7001, 16.6151,
6.7969

202.6632,
232.9444, 175.5318

 7.2979, 9.9604,
3.2589

246.1733,
281.4102, 217.1637

 3.6971, 5.3727,
1.2283


295.5036,

 1.5322, 2.4676,


336.1712, 264.9069


0.0019


351.0195,
397.6120, 319.1800


 0.3476, 0.8603,
0.0000


 0.0000, 0.0000,
0.0000


 59.6292, 71.5910,
44.3939


 59.6292, 71.5910,
44.3939


 55.6198, 69.7386,
34.6128


 64.1274, 73.6570,
56.1314


 52.0718, 68.0815,
26.6770

 69.1293, 75.9356,
69.9191

 48.9630, 66.6131,
20.4712

 74.6558, 78.4377,
85.8503

 46.2671, 65.3224,
15.8655

 80.7248, 81.1707,
104.0114

■ 43.9540, 64.1974,
12.7114

■ 83.8736, 82.7497,
106.1594

■ 41.9883, 63.2236,
10.8328

■ 86.7624, 84.2389,
106.2946

■ 40.3124, 62.3777,
9.9355

■ 87.3108, 84.5217,
106.3203

■ 40.2638, 62.3531,
9.9132

Harmonies

Analogous

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



67.4212, 71.5910, 39.6127



59.6292, 71.5910, 44.3939



54.4671, 71.5910, 57.9009

Triad

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



59.6292, 71.5910, 44.3939



60.6274, 71.5910, 127.6735



85.9074, 71.5910, 76.1718

Complementary

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



59.6292, 71.5910, 44.3939



46.8982, 41.4632, 79.6641

Split Complementary

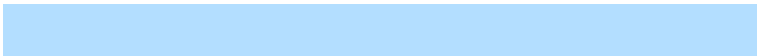
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.7107, 71.5910, 102.1644



59.6292, 71.5910, 44.3939



68.6728, 71.5910, 135.3714

Square

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



59.6292, 71.5910, 44.3939



55.0084, 71.5910, 105.9275



77.2178, 71.5910, 125.1992



82.9942, 71.5910, 55.3918

Rectangle

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



59.6292, 71.5910, 44.3939



52.9681, 71.5910, 71.6885



77.2178, 71.5910, 125.1992



85.7418, 71.5910, 84.5668

Sweetspot

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



59.6310, 71.5941, 44.3954



88.6547, 97.1048, 90.4517



56.0559, 53.8479, 41.1585



18.7656, 20.6890, 18.7677



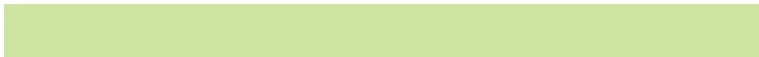
0.0000, 0.0000, 0.0000



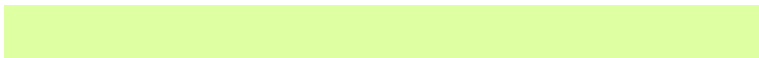
20.3446, 21.4041, 23.3091

Same Dimension

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



59.6310, 71.5941, 44.3954



72.6955, 89.7952, 48.2451



51.2928, 67.2957, 44.0052



15.0820, 16.5494, 15.3039



23.1549, 35.7183, 5.6739



1.8109, 2.6909, 0.4240

Inverse Universe

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



46.8982, 41.4632, 79.6641



53.8451, 45.1684, 100.4882



56.0437, 46.1778, 80.0921



14.0604, 14.1334, 18.1313



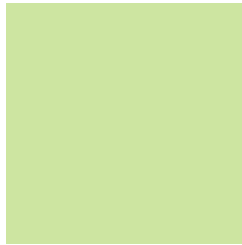
10.1367, 4.2916, 42.6773



0.8470, 0.3676, 3.1583

Previews

White Background



This preview shows how the XYZ color 59.6292, 71.5910, 44.3939 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 59.6292, 71.5910, 44.3939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

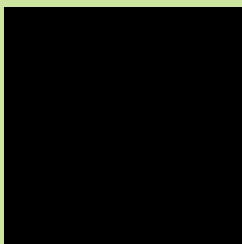
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

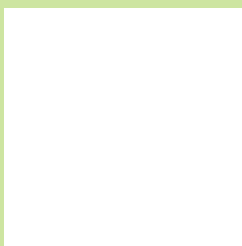
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.6292, 71.5910, 44.3939

Background



This preview shows how black text looks on a background with the XYZ color 59.6292, 71.5910, 44.3939.

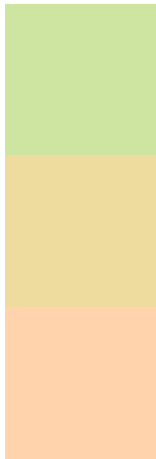


This preview shows how white text looks on a background with the XYZ color 59.6292, 71.5910,

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

59.6292, 71.5910, 44.3939

Protanopia

66.6041, 71.6252, 42.2129

Deuteranopia

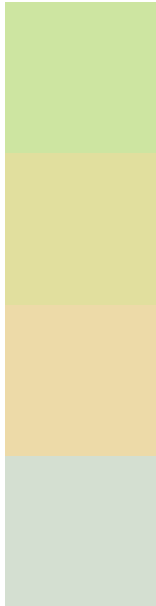
72.2299, 71.3255, 48.9900



Tritanopia

68.9365, 71.3764, 90.2644

Trichromacy



Original Color

59.6292, 71.5910, 44.3939

Protanomaly

63.6106, 71.2515, 42.7480

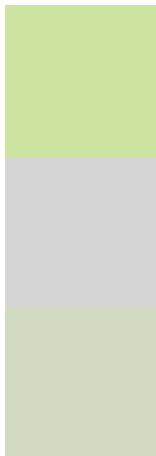
Deuteranomaly

67.0643, 70.9745, 47.2106

Tritanomaly

65.0477, 71.3759, 70.6701

Monochromacy



Original Color

59.6292, 71.5910, 44.3939

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.0458, 68.4521, 61.5722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6292, 71.5910, 44.3939 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(205, 229, 161)` looks like.

```
.text, #text, p{  
    color:rgb(205, 229, 161)  
}
```

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(205, 229, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 229, 161) }
```

Border

The CSS property to change the border of an element to XYZ 59.6292, 71.5910, 44.3939 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(205, 229, 161) }
```


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

```
.border{ border-color:rgb(205, 229, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 229, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 229, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 229, 161);  
box-shadow:4px 4px 4px 4px rgb(205, 229,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6292, 71.5910, 44.3939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 229, 161) }
```

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

```
.background{ background-color: rgb(205,  
229, 161) }
```

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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