

Converting Colors

XYZ(59.5654, 66.1164, 39.7593)

Have a look what the booklet for
XYZ(59.5654, 66.1164, 39.7593)
contains.

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Color

**XYZ(59.5654, 66.1164,
39.7593)**

Conversions

Conversions Part 1

Format	Color
Hex	DCD799
RGB	220, 215, 153
RGB Percent	86%, 84%, 60%
CMY	0.1373, 0.1568, 0.4000
CMYK	0.00, 0.02, 0.30, 0.14
HSL	56°, 49%, 73%
HSV	56°, 30%, 86%
XYZ	59.5654, 66.1164, 39.7593
YIQ	209.4270, 22.8820, -18.2220

Conversions

Conversions Part 2

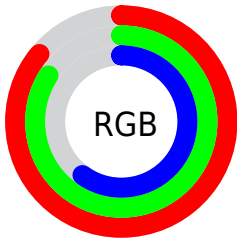
Format	Color
RYB	158, 220, 153
Decimal	14473113
CIELab	85.06, -7.71, 31.28
CIELCh	85, 32.217, 103.837
Yxy	66.1164, 0.3600, 0.3996
Android (android.graphics.Color)	4292663193 (0xFFDCD799)
YUV	209.4270, -27.8185, 9.2725
Hunter-Lab	81.3120, -11.5352, 27.9272

Details

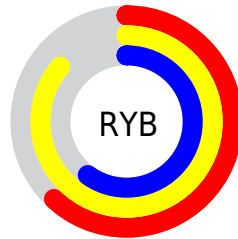
The XYZ color **59.5654, 66.1164, 39.7593** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.2819, 36.3924, 72.7171**, and the grayscale version is **61.0504, 64.2297, 69.9462**.

A 20% lighter version of the original color is **88.3852, 97.3341, 73.8035**, and **30.2296, 33.9737, 17.2762** is the 20% darker color. If you saturate the color by 10%, you get **57.4984, 64.6270, 30.9172**, and if you desaturate by 10%, it is **61.9750, 67.7541, 50.3699**.

Distribution



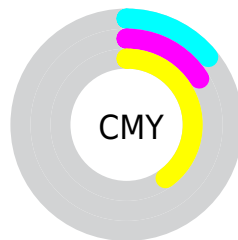
- Red (86%)
- Green (84%)
- Blue (60%)



- Red (62%)
- Yellow (86%)
- Blue (60%)



- Cyan (0%)
- Magenta (2%)
- Yellow (30%)
- Black (14%)





- Cyan (14%)
- Magenta (16%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.5654, 66.1164, 39.7593 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 59.5654, 66.1164, 39.7593 by changing the saturation by 10% instead.


 59.5654, 66.1164,
39.7593


 59.5654, 66.1164,
39.7593

412.8544,
446.7931, 360.6299

 43.3166, 48.3669,
27.0386


 103.3089,
113.6534, 76.0299

 30.3292, 34.1175,
17.3695


 131.5343,
144.2097, 100.4169

 20.2379, 22.9839,
10.3335


164.4825,
179.8036, 129.5297

 12.6773, 14.5816,
5.5122

202.5190,
220.8197, 163.7868

 7.2822, 8.5263,
2.4869

246.0091,
267.6423, 203.6069

 3.6871, 4.4335,
0.8332

295.3181,

 1.5267, 1.9189,

320.6558, 249.4084

0.0000

350.8115,
380.2446, 301.6099

■ 0.3439, 0.5597,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.5654, 66.1164,
39.7593

■ 59.5654, 66.1164,
39.7593

■ 57.4984, 64.6270,
30.9172

■ 61.9750, 67.7541,
50.3699

■ 55.7506, 63.2697,
23.7425


■ 64.7391, 69.5381,
62.8347


■ 54.3033, 62.0392,
18.1299


■ 67.8755, 71.4777,
77.2385


■ 53.1341, 60.9266,
13.9609


■ 71.3989, 73.5789,
93.6598


 52.2170, 59.9214,
11.0996


 74.0080, 75.3212,
105.2455


 51.5215, 59.0115,
9.3845

 74.4489, 76.2029,
105.3925

 51.0131, 58.2113,
8.5472

 74.8940, 77.0932,
105.5409

 75.3434, 77.9919,
105.6907

 75.7971, 78.8993,
105.8419

Harmonies

Analogous

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



66.8036, 66.1164, 40.0423



59.5654, 66.1164, 39.7593



53.6702, 66.1164, 46.8556

Triad

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



59.5654, 66.1164, 39.7593



53.3108, 66.1164, 103.3420



77.2084, 66.1164, 83.6879

Complementary

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



59.5654, 66.1164, 39.7593



38.2819, 36.3924, 72.7171

Split Complementary

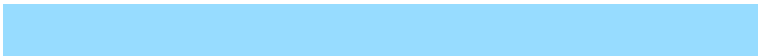
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.0026, 66.1164, 104.8072



59.5654, 66.1164, 39.7593



59.0395, 66.1164, 117.5607

Square

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



59.5654, 66.1164, 39.7593



50.2515, 66.1164, 81.9690



66.2359, 66.1164, 118.1433



77.3765, 66.1164, 62.8548

Rectangle

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



59.5654, 66.1164, 39.7593



51.1388, 66.1164, 55.7782



66.2359, 66.1164, 118.1433



76.2062, 66.1164, 91.0720

Sweetspot

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



59.5671, 66.1194, 39.7607



91.0292, 97.5223, 90.4071



47.1289, 40.4877, 37.9434



19.3536, 20.7917, 18.7565



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.



59.5671, 66.1194, 39.7607



81.1992, 90.9350, 46.8292



53.1028, 64.7040, 39.8282



14.0748, 15.0890, 13.8962



29.9752, 34.2359, 5.0283



1.9672, 2.2686, 0.3342

Inverse Universe

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



38.2819, 36.3924, 72.7171



46.6218, 42.6494, 100.3827



43.3467, 37.7643, 72.7149



12.4163, 12.7723, 16.4630



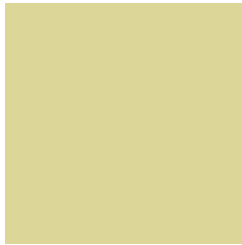
7.7246, 3.3186, 39.9718



0.5283, 0.2708, 2.5989

Previews

White Background



This preview shows how the XYZ color 59.5654, 66.1164, 39.7593 looks on a white background.

Color Contrast Check

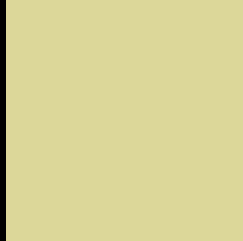
Large Text (above 18pt) WCAG AA × Fail

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 59.5654, 66.1164, 39.7593 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

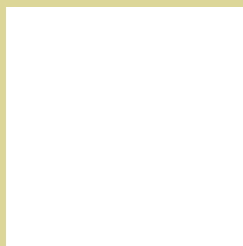
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.5654, 66.1164, 39.7593

Background



This preview shows how black text looks on a background with the XYZ color 59.5654, 66.1164, 39.7593.



This preview shows how white text looks on a background with the XYZ color 59.5654, 66.1164,

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

59.5654, 66.1164, 39.7593

Protanopia

61.5241, 66.0120, 39.2047

Deuteranopia

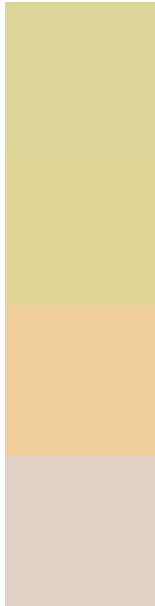
67.0560, 65.5877, 40.1358



Tritanopia

67.2510, 65.9105, 78.2847

Trichromacy



Original Color

59.5654, 66.1164, 39.7593

Protanomaly

60.8258, 66.0242, 39.2439

Deuteranomaly

64.0807, 65.4840, 39.8341

Tritanomaly

63.9298, 65.6397, 62.1236

Monochromacy



Original Color

59.5654, 66.1164, 39.7593

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.9201, 64.4088, 57.4181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5654, 66.1164, 39.7593 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(220, 215, 153)` looks like.

```
.text, #text, p{  
    color:rgb(220, 215, 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(220, 215, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 215, 153) }
```

Border

The CSS property to change the border of an element to XYZ 59.5654, 66.1164, 39.7593 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(220, 215, 153) }
```


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

```
.border{ border-color:rgb(220, 215, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 215, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 215, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 215, 153);  
box-shadow:4px 4px 4px 4px rgb(220, 215,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5654, 66.1164, 39.7593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 215, 153) }
```

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

```
.background{ background-color: rgb(220,  
215, 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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