

Converting Colors

XYZ(61.2718, 69.0338, 54.3696)

Have a look what the booklet for
XYZ(61.2718, 69.0338, 54.3696)
contains.

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Color

**XYZ(61.1639, 68.9392,
54.3389)**

Conversions

Conversions Part 1

Format	Color
Hex	D3DDB6
RGB	211, 221, 182
RGB Percent	83%, 87%, 71%
CMY	0.1725, 0.1333, 0.2863
CMYK	0.05, 0.00, 0.18, 0.13
HSL	75°, 36%, 79%
HSV	75°, 18%, 87%
XYZ	61.1639, 68.9392, 54.3389
YIQ	213.5640, 6.5590, -14.2490

Conversions

Conversions Part 2

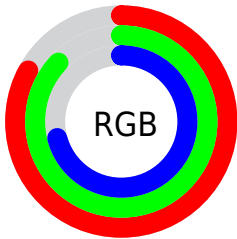
Format	Color
RYB	182, 221, 192
Decimal	13884854
CIELab	86.47, -10.02, 18.04
CIELCh	86, 20.637, 119.061
Yxy	68.9392, 0.3316, 0.3738
Android (android.graphics.Color)	4292074934 (0xFFD3DDB6)
YUV	213.5640, -15.5611, -2.2486
Hunter-Lab	83.0296, -13.8096, 19.3183

Details

The XYZ color **61.1639, 68.9392, 54.3389** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.5201, 49.8847, 75.3237**, and the grayscale version is **63.7232, 67.0418, 73.0085**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **31.3090, 35.9253, 26.0530** is the 20% darker color. If you saturate the color by 10%, you get **57.4628, 67.2767, 43.1696**, and if you desaturate by 10%, it is **65.2864, 70.7815, 67.4124**.

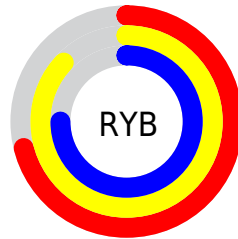
Distribution



Red (83%)

Green (87%)

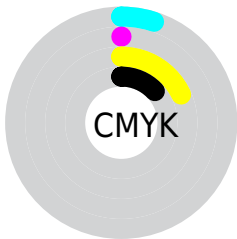
Blue (71%)



Red (71%)

Yellow (87%)

Blue (75%)

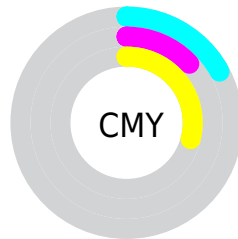


Cyan (5%)

Magenta (0%)

Yellow (18%)

Black (13%)



Cyan (17%)


Magenta (13%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.1639, 68.9392, 54.3389 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 61.1639, 68.9392, 54.3389 by changing the saturation by 10% instead.


 61.1639, 68.9392,
54.3389

 61.1639, 68.9392,
54.3389


418.6410,
456.8165, 420.6121

 44.6105, 50.6622,
38.4777


 105.6130,
117.6947, 98.0331

 31.3507, 35.9398,
26.0489


134.2394,
148.9420, 126.7031

 21.0192, 24.3877,
16.6341


167.6208,
185.2816, 160.4798

 13.2506, 15.6215,
9.8148

206.1226,
227.0978, 199.7817

 7.6795, 9.2567,
5.1723

250.1102,
274.7749, 245.0273

 3.9406, 4.9090,
2.2882

299.9489,

 1.6686, 2.1940,

328.6975, 296.6352

0.7246

356.0041,
389.2499, 355.0240

■ 0.4365, 0.7167,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.1639, 68.9392,
54.3389

■ 61.1639, 68.9392,
54.3389

■ 57.4628, 67.2767,
43.1696

■ 65.2864, 70.7815,
67.4124

■ 54.1603, 65.7779,
33.8111

■ 69.8413, 72.8010,
82.4686

■ 51.2394, 64.4383,
26.1689

■ 74.8456, 75.0072,
99.5870

■ 48.6795, 63.2494,
20.1384

■ 77.7335, 76.3735,
105.2523

■ 46.4579, 62.2022,
15.6032

■ 79.6213, 77.3467,
105.3407

■ 44.5492, 61.2864,
12.4315

■ 81.5692, 78.3509,
105.4318

■ 42.9231, 60.4899,
10.4685

■ 83.5776, 79.3863,
105.5258

■ 41.5387, 59.7962,
9.5018

■ 85.1479, 80.1958,
105.5993

■ 41.2329, 59.6419,
9.3388

Harmonies

Analogous

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



65.6752, 68.9392, 51.7153



61.1639, 68.9392, 54.3389



57.9586, 68.9392, 62.3358

Triad

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



61.1639, 68.9392, 54.3389



60.9153, 68.9392, 99.9595



75.1434, 68.9392, 75.4949

Complementary

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



61.1639, 68.9392, 54.3389



51.5201, 49.8847, 75.3237

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.



73.7221, 68.9392, 89.4145



61.1639, 68.9392, 54.3389



65.3743, 68.9392, 104.5539

Square

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



61.1639, 68.9392, 54.3389



57.8200, 68.9392, 88.5783



70.0879, 68.9392, 100.4821



73.8850, 68.9392, 62.9977

Rectangle

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



61.1639, 68.9392, 54.3389



56.9145, 68.9392, 70.1815



70.0879, 68.9392, 100.4821



74.9621, 68.9392, 80.1659

Sweetspot

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



61.1657, 68.9422, 54.3404



91.8716, 98.5908, 98.3892



57.0595, 56.3413, 52.1246



19.5713, 21.0612, 20.7553



0.0000, 0.0000, 0.0000



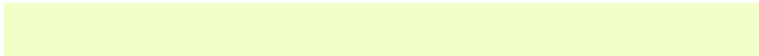
20.3446, 21.4041, 23.3091

Same Dimension

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



61.1657, 68.9422, 54.3404



82.7214, 94.5055, 69.4178



55.9772, 66.2675, 54.0976



13.8192, 15.0870, 13.9093



24.0617, 34.7018, 5.4299



1.6369, 2.2884, 0.3554

Inverse Universe

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



51.5201, 49.8847, 75.3237



67.1207, 63.6787, 103.3613



56.7172, 52.5639, 75.5669



12.6502, 12.7778, 16.4518



8.6410, 3.5788, 39.9737



0.6396, 0.2730, 2.5934

Previews

White Background



This preview shows how the XYZ color 61.1639, 68.9392, 54.3389 looks on a white background.

Color Contrast Check

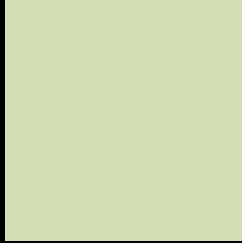
Large Text (above 18pt) WCAG AA × Fail

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 61.1639, 68.9392, 54.3389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

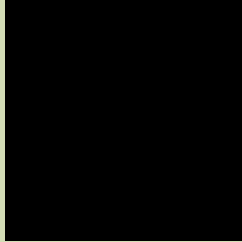
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

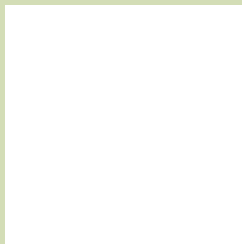
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.1639, 68.9392, 54.3389

Background



This preview shows how black text looks on a background with the XYZ color 61.1639, 68.9392, 54.3389.



This preview shows how white text looks on a background with the XYZ color 61.1639, 68.9392,

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

61.1639, 68.9392, 54.3389

Protanopia

64.6875, 68.8604, 52.5298

Deuteranopia

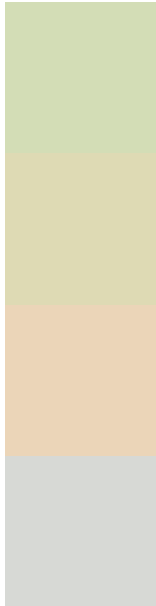
70.0242, 68.5710, 55.4438



Tritanopia

67.3838, 68.7681, 85.3234

Trichromacy



Original Color

61.1639, 68.9392, 54.3389

Protanomaly

63.4338, 68.9677, 53.1488

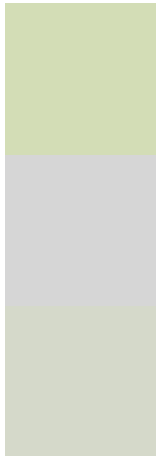
Deuteranomaly

66.7069, 68.7114, 55.0942

Tritanomaly

64.8474, 68.8769, 72.8275

Monochromacy



Original Color

61.1639, 68.9392, 54.3389

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.9141, 68.0361, 65.6935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1639, 68.9392, 54.3389 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(211, 221, 182)` looks like.

```
.text, #text, p{  
    color:rgb(211, 221, 182)  
}
```

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(211, 221, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 221, 182) }
```

Border

The CSS property to change the border of an element to XYZ 61.1639, 68.9392, 54.3389 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(211, 221, 182) }
```


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

```
.border{ border-color:rgb(211, 221, 182) }
```

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

Here you see how a box with a 4 pixel rgb(211, 221, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 221, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 221, 182);  
box-shadow:4px 4px 4px 4px rgb(211, 221,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1639, 68.9392, 54.3389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 221, 182) }
```

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

```
.background{ background-color: rgb(211,  
221, 182) }
```

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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