

Converting Colors

XYZ(61.4499, 69.5809, 54.4040)

Have a look what the booklet for
XYZ(61.4499, 69.5809, 54.4040)
contains.

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Color

**XYZ(61.4287, 69.4688,
54.4272)**

Conversions

Conversions Part 1

Format	Color
Hex	D3DEB6
RGB	211, 222, 182
RGB Percent	83%, 87%, 71%
CMY	0.1725, 0.1294, 0.2863
CMYK	0.05, 0.00, 0.18, 0.13
HSL	77°, 38%, 79%
HSV	77°, 18%, 87%
XYZ	61.4287, 69.4688, 54.4272
YIQ	214.1510, 6.2840, -14.7720

Conversions

Conversions Part 2

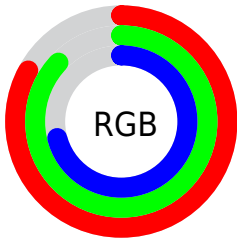
Format	Color
RYB	182, 222, 193
Decimal	13885110
CIELab	86.74, -10.53, 18.40
CIELCh	87, 21.204, 119.777
Yxy	69.4688, 0.3315, 0.3748
Android (android.graphics.Color)	4292075190 (0xFFD3DEB6)
YUV	214.1510, -15.8504, -2.7634
Hunter-Lab	83.3479, -14.3017, 19.6265

Details

The XYZ color **61.4287, 69.4688, 54.4272** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.9079, 50.0692, 76.0395**, and the grayscale version is **64.1201, 67.4594, 73.4632**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **31.4915, 36.2903, 26.1138** is the 20% darker color. If you saturate the color by 10%, you get **57.5979, 67.7405, 43.2062**, and if you desaturate by 10%, it is **65.6934, 71.3830, 67.5700**.

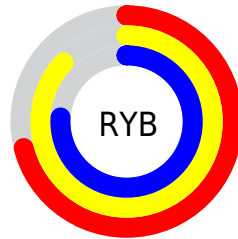
Distribution



Red (83%)

Green (87%)

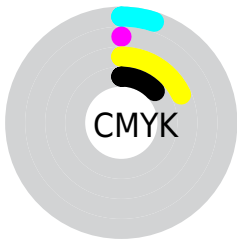
Blue (71%)



Red (71%)

Yellow (87%)

Blue (76%)

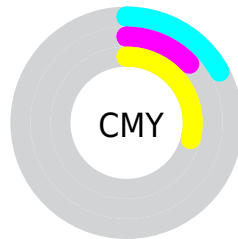


Cyan (5%)

Magenta (0%)

Yellow (18%)

Black (13%)



Cyan (17%)


Magenta (13%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.4287, 69.4688, 54.4272 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 61.4287, 69.4688, 54.4272 by changing the saturation by 10% instead.


 61.4287, 69.4688,
54.4272

 61.4287, 69.4688,
54.4272


419.5950,
458.6827, 420.9576

 44.8251, 51.0936,
38.5478


 105.9940,
118.4509, 98.1639

 31.5204, 36.2831,
26.1030


134.6864,
149.8266, 126.8583

 21.1492, 24.6529,
16.6743

168.1392,
186.3046, 160.6615

 13.3462, 15.8187,
9.8430

206.7176,
228.2693, 199.9920

 7.7460, 9.3959,
5.1908

250.7870,
276.1050, 245.2683

 3.9833, 5.0003,
2.2989

300.7128,

 1.6927, 2.2474,

330.1962, 296.9089

0.7306

356.8603,
390.9273, 355.3325

■ 0.4517, 0.7457,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.4287, 69.4688,
54.4272

■ 61.4287, 69.4688,
54.4272

■ 57.5979, 67.7405,
43.2062

■ 65.6934, 71.3830,
67.5700

■ 54.1778, 66.1817,
33.8124

■ 70.4033, 73.4807,
82.7143

■ 51.1508, 64.7877,
26.1501

■ 75.5758, 75.7713,
99.9407

■ 48.4962, 63.5501,
20.1128

■ 78.5757, 77.2008,
105.3676

■ 46.1907, 62.4594,
15.5825

■ 80.6319, 78.2608,
105.4638

■ 44.2081, 61.5052,
12.4252

■ 82.7580, 79.3568,
105.5633

■ 42.5176, 60.6750,
10.4832

■ 84.9548, 80.4893,
105.6661

■ 41.0761, 59.9514,
9.5331

■ 85.4127, 80.7254,
105.6876

■ 40.8071, 59.8155,
9.3948

Harmonies

Analogous

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



66.0649, 69.4688, 51.5979



61.4287, 69.4688, 54.4272



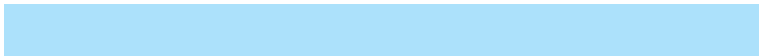
58.1668, 69.4688, 62.7736

Triad

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



61.4287, 69.4688, 54.4272



61.3678, 69.4688, 101.6229



75.9742, 69.4688, 75.7455

Complementary

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



61.4287, 69.4688, 54.4272



51.9079, 50.0692, 76.0395

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.



74.5674, 69.4688, 90.1537



61.4287, 69.4688, 54.4272



65.9911, 69.4688, 106.1850

Square

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



61.4287, 69.4688, 54.4272



58.1329, 69.4688, 89.9479



70.8513, 69.4688, 101.7517



74.6075, 69.4688, 62.9355

Rectangle

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



61.4287, 69.4688, 54.4272



57.1267, 69.4688, 70.9203



70.8513, 69.4688, 101.7517



75.8091, 69.4688, 80.5639

Sweetspot

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



61.4305, 69.4718, 54.4287



91.7859, 98.5467, 98.3852



57.5665, 56.9019, 52.2061



19.5505, 21.0505, 20.7543



0.0000, 0.0000, 0.0000



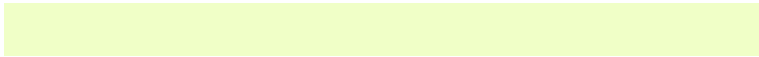
20.3446, 21.4041, 23.3091

Same Dimension

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



61.4305, 69.4718, 54.4287



81.8456, 94.0885, 67.8191



56.1369, 66.7429, 54.1810



14.4849, 15.8301, 14.5989



24.3497, 35.5852, 5.5853



1.7727, 2.5104, 0.3911

Inverse Universe

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



51.9079, 50.0692, 76.0395



66.2792, 62.3671, 103.1525



57.2592, 52.8279, 76.2899



13.3042, 13.4248, 17.2777



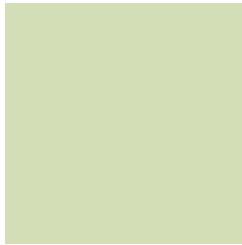
9.0695, 3.7708, 41.2982



0.7137, 0.3052, 2.8665

Previews

White Background



This preview shows how the XYZ color 61.4287, 69.4688, 54.4272 looks on a white background.

Color Contrast Check

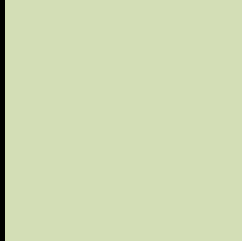
Large Text (above 18pt) WCAG AA × Fail

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 61.4287, 69.4688, 54.4272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

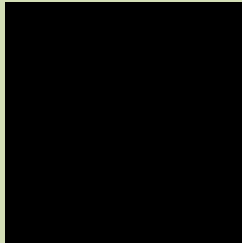
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

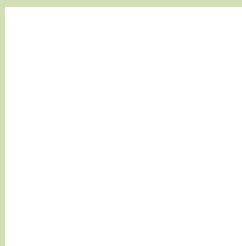
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.4287, 69.4688, 54.4272

Background



This preview shows how black text looks on a background with the XYZ color 61.4287, 69.4688, 54.4272.



This preview shows how white text looks on a background with the XYZ color 61.4287, 69.4688,

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

61.4287, 69.4688, 54.4272

Protanopia

65.0056, 69.0244, 52.5447

Deuteranopia

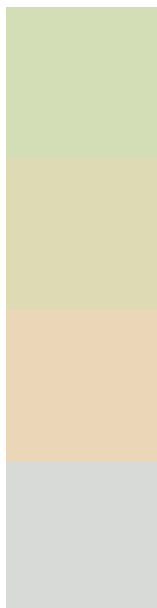
70.6243, 69.2434, 55.5420



Tritanopia

67.7794, 69.3325, 86.1541

Trichromacy



Original Color

61.4287, 69.4688, 54.4272

Protanomaly

63.4338, 68.9677, 53.1488

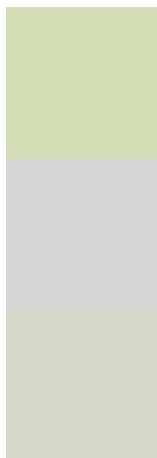
Deuteranomaly

66.9592, 69.2160, 55.1783

Tritanomaly

65.2333, 69.4449, 73.5844

Monochromacy



Original Color

61.4287, 69.4688, 54.4272

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 61.4287, 69.4688, 54.4272 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, 222, 182)` looks like.

```
.text, #text, p{  
    color:rgb(211, 222, 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, 222, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 222, 182) }
```

Border

The CSS property to change the border of an element to XYZ 61.4287, 69.4688, 54.4272 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, 222, 182) }
```


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

```
.border{ border-color:rgb(211, 222, 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, 222, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 222, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 222, 182);  
box-shadow:4px 4px 4px 4px rgb(211, 222,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4287, 69.4688, 54.4272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 222, 182) }
```

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

```
.background{ background-color: rgb(211,  
222, 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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