

Converting Colors

XYZ(61.6370, 69.5521, 55.5237)

Have a look what the booklet for
XYZ(61.6370, 69.5521, 55.5237)
contains.

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Color

**XYZ(61.6370, 69.5521,
55.5237)**

Conversions

Conversions Part 1

Format	Color
Hex	D3DEB8
RGB	211, 222, 184
RGB Percent	83%, 87%, 72%
CMY	0.1725, 0.1294, 0.2784
CMYK	0.05, 0.00, 0.17, 0.13
HSL	77°, 37%, 80%
HSV	77°, 17%, 87%
XYZ	61.6370, 69.5521, 55.5237
YIQ	214.3790, 5.6420, -14.1500

Conversions

Conversions Part 2

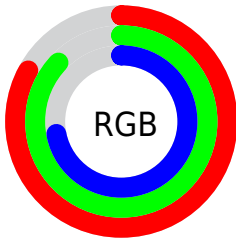
Format	Color
RYB	184, 222, 195
Decimal	13885112
CIELab	86.78, -10.22, 17.42
CIElCh	87, 20.193, 120.403
Yxy	69.5521, 0.3301, 0.3725
Android (android.graphics.Color)	4292075192 (0xFFD3DEB8)
YUV	214.3790, -14.9768, -2.9634
Hunter-Lab	83.3979, -14.0221, 18.9051

Details

The XYZ color **61.6370, 69.5521, 55.5237** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.8337, 51.1589, 76.2009**, and the grayscale version is **64.2685, 67.6155, 73.6333**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **31.6258, 36.3440, 26.8210** is the 20% darker color. If you saturate the color by 10%, you get **57.6857, 67.7654, 44.1296**, and if you desaturate by 10%, it is **66.0309, 71.5290, 68.8478**.

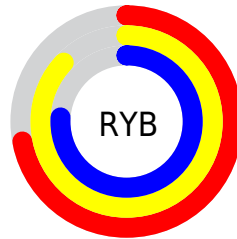
Distribution



Red (83%)

Green (87%)

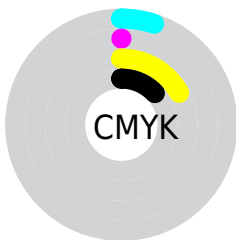
Blue (72%)



Red (72%)

Yellow (87%)

Blue (76%)

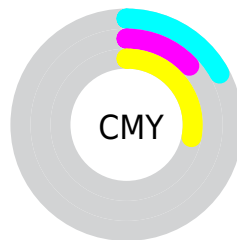


Cyan (5%)

Magenta (0%)

Yellow (17%)

Black (13%)



Cyan (17%)

Magenta (13%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6370, 69.5521, 55.5237 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 61.6370, 69.5521, 55.5237 by changing the saturation by 10% instead.

■ 61.6370, 69.5521,
55.5237

■ 61.6370, 69.5521,
55.5237

420.3444,
458.9758, 425.2318

■ 44.9939, 51.1615,
39.4197

■ 106.2936,
118.5698, 99.7867

■ 31.6539, 36.3371,
26.7761

135.0379,
149.9657, 128.7828

■ 21.2516, 24.6947,
17.1742

168.5466,
186.4654, 162.9133

■ 13.4215, 15.8497,
10.1955

207.1852,
228.4534, 202.5968

■ 7.7984, 9.4179,
5.4215

251.3188,
276.3140, 248.2519

■ 4.0170, 5.0147,
2.4336

301.3131,

■ 1.7117, 2.2559,

330.4317, 300.2971

0.8046

357.5331,
391.1908, 359.1509

■ 0.4636, 0.7502,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.6370, 69.5521,
55.5237

■ 61.6370, 69.5521,
55.5237

■ 57.6857, 67.7654,
44.1296

■ 66.0309, 71.5290,
68.8478

■ 54.1536, 66.1524,
34.5714

■ 70.8787, 73.6938,
84.1810

■ 51.0235, 64.7085,
26.7541

■ 76.1978, 76.0558,
101.6036

■ 48.2743, 63.4253,
20.5721

■ 79.0025, 77.4208,
105.3876

■ 45.8831, 62.2933,
15.9087

■ 81.1842, 78.5455,
105.4897

■ 43.8237, 61.3021,
12.6315

■ 83.4435, 79.7102,
105.5954

■ 42.0659, 60.4393,
10.5854

■ 85.4127, 80.7253,
105.6876

■ 40.5699, 59.6891,
9.5666

■ 40.1685, 59.4862,
9.3649

Harmonies

Analogous

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



66.0436, 69.5521, 52.6795



61.6370, 69.5521, 55.5237



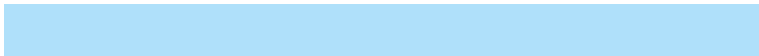
58.5542, 69.5521, 63.6498

Triad

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



61.6370, 69.5521, 55.5237



61.7422, 69.5521, 100.5462



75.5652, 69.5521, 75.5485

Complementary

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



61.6370, 69.5521, 55.5237



52.8337, 51.1589, 76.2009

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.



74.2832, 69.5521, 89.2504



61.6370, 69.5521, 55.5237



66.1708, 69.5521, 104.6816

Square

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



61.6370, 69.5521, 55.5237



58.6129, 69.5521, 89.6027



70.7884, 69.5521, 100.3264



74.2145, 69.5521, 63.3693

Rectangle

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



61.6370, 69.5521, 55.5237



57.5884, 69.5521, 71.4957



70.7884, 69.5521, 100.3264



75.4272, 69.5521, 80.1292

Sweetspot

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



61.6389, 69.5551, 55.5252



91.7194, 98.5123, 98.3821



58.2412, 57.9182, 53.4581



19.5343, 21.0421, 20.7536



0.0000, 0.0000, 0.0000



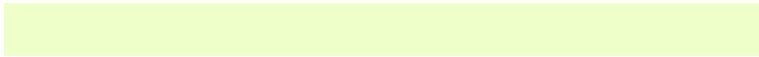
20.3446, 21.4041, 23.3091

Same Dimension

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



61.6389, 69.5551, 55.5252



82.1193, 94.1951, 69.3896



56.5726, 66.9434, 55.2881



14.4649, 15.8198, 14.5979



23.9733, 35.3912, 5.5677



1.7491, 2.4982, 0.3900

Inverse Universe

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



52.8337, 51.1589, 76.2009



67.6439, 63.9484, 103.3858



57.9912, 53.8177, 76.4423



13.3230, 13.4346, 17.2786



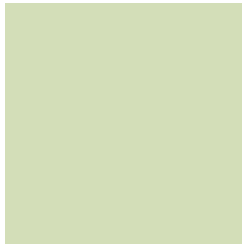
9.1941, 3.8351, 41.3040



0.7244, 0.3107, 2.8670

Previews

White Background



This preview shows how the XYZ color 61.6370, 69.5521, 55.5237 looks on a white background.

Color Contrast Check

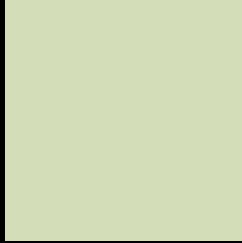
Large Text (above 18pt) WCAG AA × Fail

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 61.6370, 69.5521, 55.5237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

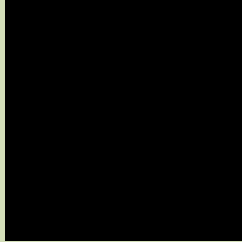
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

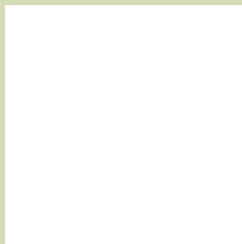
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.6370, 69.5521, 55.5237

Background



This preview shows how black text looks on a background with the XYZ color 61.6370, 69.5521, 55.5237.



This preview shows how white text looks on a background with the XYZ color 61.6370, 69.5521,

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

61.6370, 69.5521, 55.5237

Protanopia

65.4664, 69.6199, 53.7036

Deuteranopia

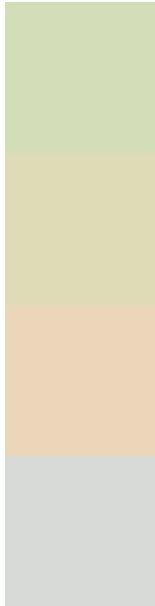
70.8370, 69.3285, 56.6619



Tritanopia

67.7794, 69.3325, 86.1541

Trichromacy



Original Color

61.6370, 69.5521, 55.5237

Protanomaly

63.8992, 69.5700, 54.3165

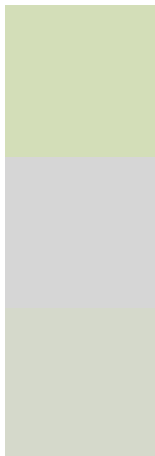
Deuteranomaly

67.1704, 69.3005, 56.2904

Tritanomaly

65.3615, 69.4962, 74.2592

Monochromacy



Original Color

61.6370, 69.5521, 55.5237

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.0329, 68.0836, 66.3192

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6370, 69.5521, 55.5237 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, 184) looks like.

```
.text, #text, p{  
    color:rgb(211, 222, 184)  
}
```

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, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 222, 184) }
```

Border

The CSS property to change the border of an element to XYZ 61.6370, 69.5521, 55.5237 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, 184) }
```


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

```
.border{ border-color:rgb(211, 222, 184) }
```

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, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 222, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 222, 184); box-shadow:4px 4px 4px 4px rgb(211, 222, 184) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6370, 69.5521, 55.5237 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, 184) }
```

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

```
.background{ background-color: rgb(211,  
222, 184) }
```

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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