

Converting Colors

XYZ(57.1571, 67.6527, 55.9085)

Have a look what the booklet for
XYZ(57.1571, 67.6527, 55.9085)
contains.

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Color

**XYZ(57.1370, 67.6156,
55.9386)**

Conversions

Conversions Part 1

Format	Color
Hex	C1DFB9
RGB	193, 223, 185
RGB Percent	76%, 87%, 73%
CMY	0.2431, 0.1255, 0.2745
CMYK	0.13, 0.00, 0.17, 0.13
HSL	107°, 37%, 80%
HSV	107°, 17%, 87%
XYZ	57.1370, 67.6156, 55.9386
YIQ	209.6980, -5.6820, -18.1780

Conversions

Conversions Part 2

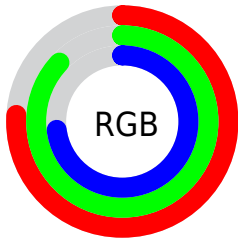
Format	Color
RYB	185, 223, 215
Decimal	12705721
CIELab	85.81, -16.87, 15.36
CIELCh	86, 22.813, 137.682
Yxy	67.6156, 0.3162, 0.3742
Android (android.graphics.Color)	4290895801 (0xFFC1DFB9)
YUV	209.6980, -12.1761, -14.6441
Hunter-Lab	82.2287, -19.8687, 17.2263

Details

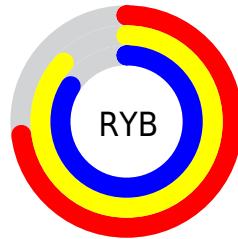
The XYZ color **57.1370, 67.6156, 55.9386** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **58.6952, 54.4746, 77.2366**, and the grayscale version is **61.1421, 64.3262, 70.0512**.

A 20% lighter version of the original color is **91.0615, 98.1949, 97.3731**, and **28.8150, 35.1602, 27.0977** is the 20% darker color. If you saturate the color by 10%, you get **50.7411, 64.5714, 44.2994**, and if you desaturate by 10%, it is **64.4402, 71.0888, 69.5506**.

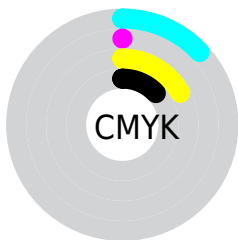
Distribution



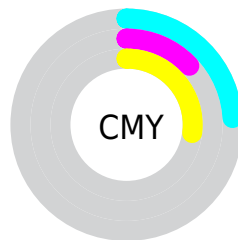
- Red (76%)
- Green (87%)
- Blue (73%)



- Red (73%)
- Yellow (87%)
- Blue (84%)



- Cyan (13%)
- Magenta (0%)
- Yellow (17%)
- Black (13%)



- Cyan (24%)
- Magenta (13%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1370, 67.6156, 55.9386 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 57.1370, 67.6156, 55.9386 by changing the saturation by 10% instead.

■ 57.1370, 67.6156,
55.9386

■ 57.1370, 67.6156,
55.9386

403.9684,
452.1329, 426.8419

■ 41.3558, 49.5851,
39.7500

■ 99.7953, 115.8021,
100.3997

■ 28.7861, 35.0838,
27.0314

127.4031,
146.7268, 129.5093

■ 19.0625, 23.7275,
17.3642

159.6838,
182.7184, 163.7630

■ 11.8198, 15.1316,
10.3298

197.0027,
224.1612, 203.5794

■ 6.6924, 8.9118,
5.5097

239.7253,
271.4397, 249.3769

■ 3.3151, 4.6837,
2.4854

288.2169,

■ 1.3225, 2.0629,

324.9382, 301.5741

0.8324

342.8428,
385.0411, 360.5896

■ 0.2000, 0.6436,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.1370, 67.6156,
55.9386

■ 57.1370, 67.6156,
55.9386

■ 50.7411, 64.5714,
44.2994

■ 64.4402, 71.0888,
69.5506

■ 45.2113, 61.9310,
34.5372

■ 72.6790, 74.9979,
85.2162

■ 40.5110, 59.6797,
26.5550

■ 81.8874, 79.3605,
103.0173

■ 36.5990, 57.7986,
20.2454

■ 85.6790, 81.2580,
105.7763

■ 33.4304, 56.2671,
15.4892

■ 30.9554, 55.0626,
12.1516

■ 29.1178, 54.1593,
10.0749

■ 27.8491, 53.5265,
9.0533

■ 27.5586, 53.3810,
8.8511

Harmonies

Analogous

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



61.2703, 67.6156, 49.5206



57.1370, 67.6156, 55.9386



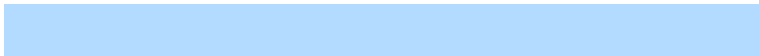
54.9637, 67.6156, 67.6663

Triad

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



57.1370, 67.6156, 55.9386



62.1520, 67.6156, 105.3761



74.2964, 67.6156, 65.2434

Complementary

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



57.1370, 67.6156, 55.9386



58.6952, 54.4746, 77.2366

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.



74.5641, 67.6156, 79.9170



57.1370, 67.6156, 55.9386



67.3590, 67.6156, 104.4957

Square

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



57.1370, 67.6156, 55.9386



57.7523, 67.6156, 96.9507



71.9659, 67.6156, 94.6869



71.2532, 67.6156, 54.3721

Rectangle

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



57.1370, 67.6156, 55.9386



54.8369, 67.6156, 77.5257



71.9659, 67.6156, 94.6869



74.7197, 67.6156, 69.8514

Sweetspot

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



57.1388, 67.6185, 55.9401



89.4577, 97.3464, 98.2762



63.4323, 67.6759, 55.6195



18.9850, 20.7589, 20.7279



0.0000, 0.0000, 0.0000



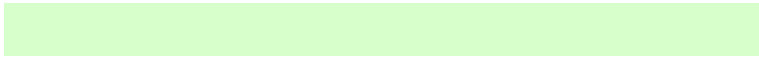
20.3446, 21.4041, 23.3091

Same Dimension

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



57.1388, 67.6185, 55.9401



74.6058, 90.2867, 70.6217



56.3346, 67.0675, 62.0632



13.7971, 15.4755, 14.5667



16.2798, 31.4251, 5.2076



1.2031, 2.2167, 0.3645

Inverse Universe

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



58.6952, 54.4746, 77.2366



77.0430, 69.6862, 103.9979



59.6959, 55.1529, 69.9437



13.9978, 13.7824, 17.3102



18.4645, 8.6141, 41.7379



1.3515, 0.6340, 2.8964

Previews

White Background



This preview shows how the XYZ color 57.1370, 67.6156, 55.9386 looks on a white background.

Color Contrast Check

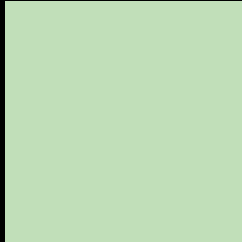
Large Text (above 18pt) WCAG AA × Fail

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 57.1370, 67.6156, 55.9386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

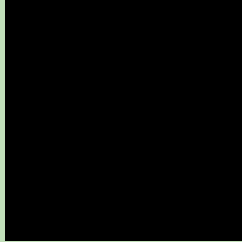
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.1370, 67.6156, 55.9386

Background



This preview shows how black text looks on a background with the XYZ color 57.1370, 67.6156, 55.9386.

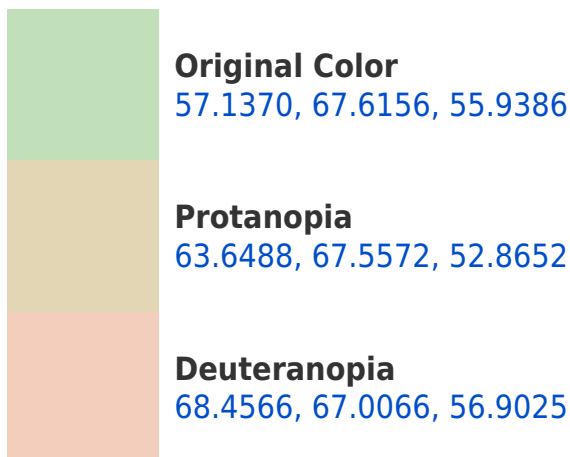


This preview shows how white text looks on a background with the XYZ color 57.1370, 67.6156,

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





Tritanopia

63.3512, 67.4124, 86.7637

Trichromacy



Original Color

57.1370, 67.6156, 55.9386

Protanomaly

60.9879, 67.2992, 54.0316

Deuteranomaly

63.5645, 66.6824, 56.5345

Tritanomaly

61.0149, 67.6267, 74.8032

Monochromacy



Original Color

57.1370, 67.6156, 55.9386

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

59.7449, 65.6553, 64.7822

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1370, 67.6156, 55.9386 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(193, 223, 185)` looks like.

```
.text, #text, p{  
    color:rgb(193, 223, 185)  
}
```

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(193, 223, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 223, 185) }
```

Border

The CSS property to change the border of an element to XYZ 57.1370, 67.6156, 55.9386 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(193, 223, 185) }
```


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

```
.border{ border-color:rgb(193, 223, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 223, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 223, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 223, 185);  
box-shadow:4px 4px 4px 4px rgb(193, 223,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1370, 67.6156, 55.9386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 223, 185) }
```

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

```
.background{ background-color: rgb(193,  
223, 185) }
```

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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