

Converting Colors

XYZ(63.1762, 72.0312, 57.5826)

Have a look what the booklet for
XYZ(63.1762, 72.0312, 57.5826)
contains.

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Color

**XYZ(63.0300, 71.8295,
57.5561)**

Conversions

Conversions Part 1

Format	Color
Hex	D3E2BB
RGB	211, 226, 187
RGB Percent	83%, 89%, 73%
CMY	0.1725, 0.1137, 0.2667
CMYK	0.07, 0.00, 0.17, 0.11
HSL	83°, 40%, 81%
HSV	83°, 17%, 89%
XYZ	63.0300, 71.8295, 57.5561
YIQ	217.0690, 3.5790, -15.3090

Conversions

Conversions Part 2

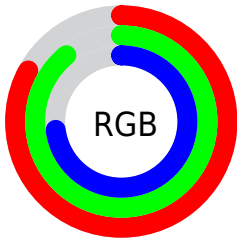
Format	Color
RYB	187, 226, 202
Decimal	13886139
CIELab	87.89, -11.77, 17.40
CIELCh	88, 21.008, 124.063
Yxy	71.8295, 0.3276, 0.3733
Android (android.graphics.Color)	4292076219 (0xFFD3E2BB)
YUV	217.0690, -14.8240, -5.3225
Hunter-Lab	84.7523, -15.5666, 19.0622

Details

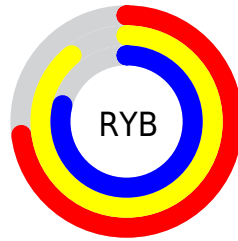
The XYZ color **63.0300, 71.8295, 57.5561** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **55.8577, 53.5901, 79.3553**, and the grayscale version is **66.0990, 69.5413, 75.7305**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **32.5763, 37.9150, 28.1556** is the 20% darker color. If you saturate the color by 10%, you get **58.3752, 69.6899, 45.6870**, and if you desaturate by 10%, it is **68.2042, 74.1971, 71.4401**.

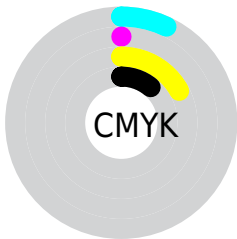
Distribution



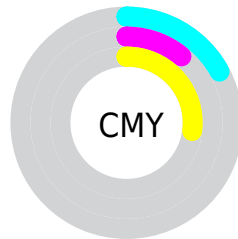
- Red (83%)
- Green (89%)
- Blue (73%)



- Red (73%)
- Yellow (89%)
- Blue (79%)



- Cyan (7%)
- Magenta (0%)
- Yellow (17%)
- Black (11%)



- Cyan (17%)
- Magenta (11%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.0300, 71.8295, 57.5561 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 63.0300, 71.8295, 57.5561 by changing the saturation by 10% instead.

■ 63.0300, 71.8295,
57.5561

■ 63.0300, 71.8295,
57.5561

425.3363,
466.9479, 433.0818

■ 46.1242, 53.0194,
41.0395

■ 108.2944,
121.8141, 102.7845

■ 32.5489, 37.8183,
28.0301

137.3836,
153.7574, 132.3335

■ 21.9387, 25.8417,
18.1091

171.2648,
190.8472, 167.0637

■ 13.9282, 16.7052,
10.8581

210.3032,
233.4679, 207.3936

■ 8.1521, 10.0246,
5.8585

254.8642,
282.0040, 253.7419

■ 4.2451, 5.4152,
2.6918

305.3132,

■ 1.8417, 2.4929,

336.8397, 306.5270

0.9393

362.0154,
398.3596, 366.1674

■ 0.5426, 0.8731,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.0300, 71.8295,
57.5561

■ 63.0300, 71.8295,
57.5561

■ 58.3752, 69.6899,
45.6870

■ 68.2042, 74.1971,
71.4401

■ 54.2141, 67.7608,
35.7345

■ 73.9108, 76.7912,
87.4218

■ 50.5275, 66.0365,
27.5991

■ 80.1692, 79.6220,
105.5851

■ 47.2920, 64.5075,
21.1703

■ 83.1761, 81.1684,
105.8910

■ 44.4823, 63.1634,
16.3257

■ 86.2940, 82.7757,
106.0369

■ 42.0696, 61.9923,
12.9266

■ 86.4878, 82.8757,
106.0459

■ 40.0207, 60.9808,
10.8105

■ 38.2924, 60.1112,
9.7624

■ 37.8557, 59.8900,
9.5647

Harmonies

Analogous

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



67.5932, 71.8295, 53.8464



63.0300, 71.8295, 57.5561



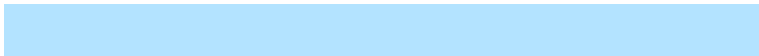
59.9902, 71.8295, 66.7807

Triad

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



63.0300, 71.8295, 57.5561



64.1547, 71.8295, 105.6592



78.3120, 71.8295, 76.2764

Complementary

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



63.0300, 71.8295, 57.5561



55.8577, 53.5901, 79.3553

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.



77.2825, 71.8295, 90.8744



63.0300, 71.8295, 57.5561



68.9549, 71.8295, 108.9966

Square

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



63.0300, 71.8295, 57.5561



60.6170, 71.8295, 94.6584



73.7964, 71.8295, 103.2942



76.5453, 71.8295, 63.7869

Rectangle

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



63.0300, 71.8295, 57.5561



59.1535, 71.8295, 75.3981



73.7964, 71.8295, 103.2942



78.2820, 71.8295, 81.0912

Sweetspot

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



63.0319, 71.8326, 57.5577



91.2830, 98.2874, 98.3616



61.4451, 61.9767, 55.7389



19.4281, 20.9874, 20.7486



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.



63.0319, 71.8326, 57.5577



80.4187, 93.3184, 69.3100



57.7927, 69.1317, 57.3125



14.3345, 15.7526, 14.5918



21.7319, 34.2357, 5.4628



1.6054, 2.4241, 0.3833

Inverse Universe

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



55.8577, 53.5901, 79.3553



69.1813, 64.7410, 103.4577



61.4564, 56.4764, 79.6173



13.4481, 13.4990, 17.2845



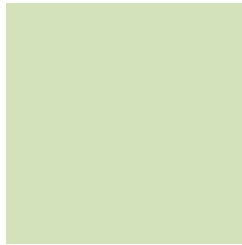
10.1936, 4.3503, 41.3508



0.8044, 0.3520, 2.8708

Previews

White Background



This preview shows how the XYZ color 63.0300, 71.8295, 57.5561 looks on a white background.

Color Contrast Check

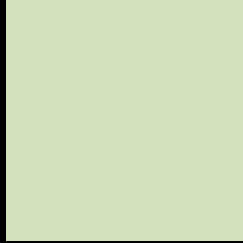
Large Text (above 18pt) WCAG AA × Fail

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 63.0300, 71.8295, 57.5561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

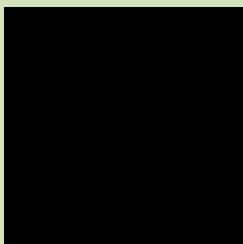
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

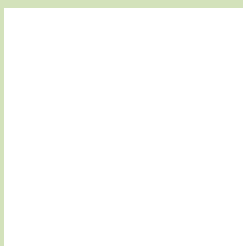
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.0300, 71.8295, 57.5561

Background



This preview shows how black text looks on a background with the XYZ color 63.0300, 71.8295, 57.5561.



This preview shows how white text looks on a background with the XYZ color 63.0300, 71.8295,

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

63.0300, 71.8295, 57.5561

Protanopia

67.5236, 71.8029, 55.6479

Deuteranopia

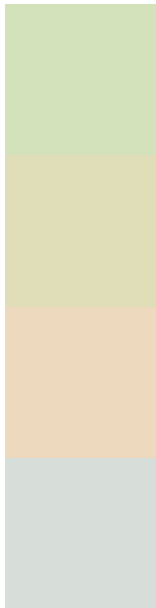
72.9826, 71.5001, 58.6695



Tritanopia

69.3853, 71.6246, 89.5248

Trichromacy



Original Color

63.0300, 71.8295, 57.5561

Protanomaly

65.6187, 71.5926, 56.2592

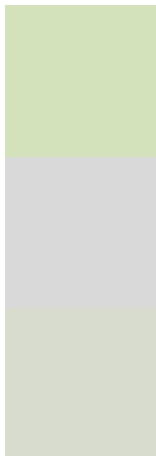
Deuteranomaly

68.9232, 71.3044, 58.2746

Tritanomaly

66.8005, 71.7516, 76.6583

Monochromacy



Original Color

63.0300, 71.8295, 57.5561

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

64.7581, 70.0897, 68.5081

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0300, 71.8295, 57.5561 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, 226, 187)` looks like.

```
.text, #text, p{  
    color:rgb(211, 226, 187)  
}
```

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, 226, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 226, 187) }
```

Border

The CSS property to change the border of an element to XYZ 63.0300, 71.8295, 57.5561 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, 226, 187) }
```


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

```
.border{ border-color:rgb(211, 226, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 226, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 226, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 226, 187);  
box-shadow:4px 4px 4px 4px rgb(211, 226,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0300, 71.8295, 57.5561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 226, 187) }
```

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

```
.background{ background-color: rgb(211,  
226, 187) }
```

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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