

Converting Colors

XYZ(55.6953, 63.3814, 50.2434)

Have a look what the booklet for
XYZ(55.6953, 63.3814, 50.2434)
contains.

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Color

**XYZ(55.7025, 63.5071,
50.3966)**

Conversions

Conversions Part 1

Format	Color
Hex	C8D6B0
RGB	200, 214, 176
RGB Percent	78%, 84%, 69%
CMY	0.2157, 0.1608, 0.3098
CMYK	0.07, 0.00, 0.18, 0.16
HSL	82°, 32%, 76%
HSV	82°, 18%, 84%
XYZ	55.7025, 63.5071, 50.3966
YIQ	205.4820, 3.8540, -14.7860

Conversions

Conversions Part 2

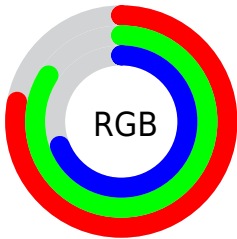
Format	Color
RYB	176, 214, 190
Decimal	13162160
CIELab	83.71, -11.36, 17.20
CIELCh	84, 20.613, 123.426
Yxy	63.5071, 0.3284, 0.3744
Android (android.graphics.Color)	4291352240 (0xFFC8D6B0)
YUV	205.4820, -14.5346, -4.8077
Hunter-Lab	79.6913, -14.6923, 18.2891

Details

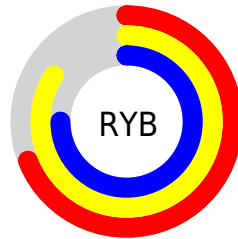
The XYZ color **55.7025, 63.5071, 50.3966** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.9007, 46.8546, 70.0882**, and the grayscale version is **58.4248, 61.4675, 66.9381**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **27.8273, 32.3373, 23.5140** is the 20% darker color. If you saturate the color by 10%, you get **51.6982, 61.6704, 40.0139**, and if you desaturate by 10%, it is **60.1527, 65.5389, 62.5453**.

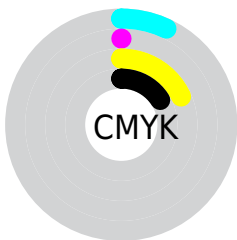
Distribution



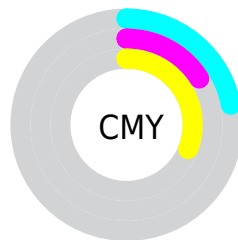
- Red (78%)
- Green (84%)
- Blue (69%)



- Red (69%)
- Yellow (84%)
- Blue (75%)



- Cyan (7%)
- Magenta (0%)
- Yellow (18%)
- Black (16%)



- Cyan (22%)
- Magenta (16%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7025, 63.5071, 50.3966 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 55.7025, 63.5071, 50.3966 by changing the saturation by 10% instead.

■ 55.7025, 63.5071,
50.3966

■ 55.7025, 63.5071,
50.3966

398.6626,
437.4075, 404.9943

■ 40.2005, 46.2516,
35.3552

■ 97.7118, 109.9008,
92.1646

■ 27.8798, 32.4444,
23.6509

124.9498,
139.8077, 119.7283

■ 18.3751, 21.7012,
14.8651

156.8306,
174.7006, 152.3031

■ 11.3209, 13.6375,
8.5792

193.7194,
214.9637, 190.3077

■ 6.3520, 7.8690,
4.3747

235.9817,
260.9816, 234.1606

■ 3.1030, 4.0112,
1.8331

283.9827,

■ 1.2084, 1.6798,

313.1386, 284.2803

0.4496

338.0879,
371.8191, 341.0854

■ 0.1130, 0.4106,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.7025, 63.5071,
50.3966

■ 55.7025, 63.5071,
50.3966

■ 51.6982, 61.6704,
40.0139

■ 60.1527, 65.5389,
62.5453

■ 48.1174, 60.0134,
31.3108

■ 65.0600, 67.7642,
76.5326

■ 44.9435, 58.5312,
24.1999

■ 70.4412, 70.1920,
92.4323

■ 42.1563, 57.2158,
18.5842

■ 75.2291, 72.3955,
104.6165

■ 39.7336, 56.0579,
14.3562

■ 77.8402, 73.7416,
104.7387

■ 37.6505, 55.0475,
11.3939

■ 80.5676, 75.1476,
104.8663

■ 35.8781, 54.1726,
9.5543

■ 83.3379, 76.5757,
104.9960

■ 34.3763, 53.4172,
8.6365

■ 34.0628, 53.2586,
8.4846

Harmonies

Analogous

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



59.8441, 63.5071, 47.1720



55.7025, 63.5071, 50.3966



52.9222, 63.5071, 58.6070

Triad

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



55.7025, 63.5071, 50.3966



56.5589, 63.5071, 93.8659



69.4532, 63.5071, 67.6727

Complementary

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



55.7025, 63.5071, 50.3966



48.9007, 46.8546, 70.0882

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.



68.4674, 63.5071, 80.8837



55.7025, 63.5071, 50.3966



60.8821, 63.5071, 97.0688

Square

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



55.7025, 63.5071, 50.3966



53.3991, 63.5071, 83.7755



65.2735, 63.5071, 92.0554



67.9045, 63.5071, 56.3314

Rectangle

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



55.7025, 63.5071, 50.3966



52.1379, 63.5071, 66.3395



65.2735, 63.5071, 92.0554



69.4075, 63.5071, 72.0356

Sweetspot

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



55.7042, 63.5099, 50.3980



91.3571, 98.3256, 98.3651



53.9694, 54.2309, 48.6984



19.4461, 20.9966, 20.7494



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.



55.7042, 63.5099, 50.3980



80.7048, 93.4659, 69.3234



50.9567, 61.0625, 50.1758



13.0086, 14.2806, 13.2315



20.7058, 32.2506, 5.1337



1.3386, 1.9915, 0.3138

Inverse Universe

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



48.9007, 46.8546, 70.0882



68.9163, 64.6043, 103.4453



53.9409, 49.4530, 70.3241



12.1705, 12.2293, 15.6566



9.3836, 3.9899, 38.7287



0.6557, 0.2869, 2.3401

Previews

White Background



This preview shows how the XYZ color 55.7025, 63.5071, 50.3966 looks on a white background.

Color Contrast Check

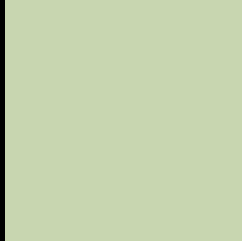
Large Text (above 18pt) WCAG AA × Fail

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 55.7025, 63.5071, 50.3966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

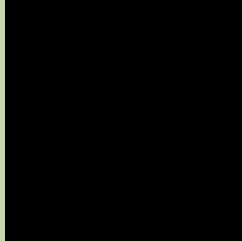
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

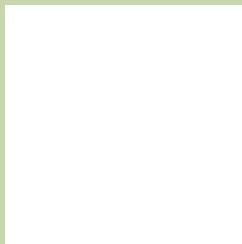
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.7025, 63.5071, 50.3966

Background



This preview shows how black text looks on a background with the XYZ color 55.7025, 63.5071, 50.3966.



This preview shows how white text looks on a background with the XYZ color 55.7025, 63.5071,

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

55.7025, 63.5071, 50.3966

Protanopia

59.6139, 63.3445, 48.6199

Deuteranopia

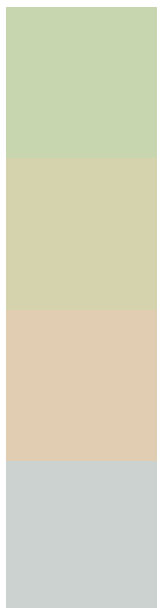
64.6199, 63.3787, 51.4753



Tritanopia

61.4995, 63.2729, 79.4925

Trichromacy



Original Color

55.7025, 63.5071, 50.3966

Protanomaly

58.1271, 63.2953, 49.1980

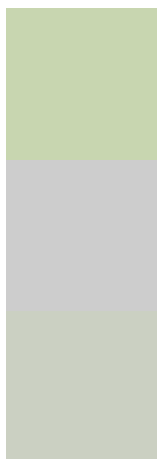
Deuteranomaly

61.1585, 63.3645, 51.1267

Tritanomaly

59.2109, 63.4356, 68.1550

Monochromacy



Original Color

55.7025, 63.5071, 50.3966

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.9221, 61.7033, 59.9487

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7025, 63.5071, 50.3966 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(200, 214, 176)` looks like.

```
.text, #text, p{  
    color:rgb(200, 214, 176)  
}
```

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(200, 214, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 214, 176) }
```

Border

The CSS property to change the border of an element to XYZ 55.7025, 63.5071, 50.3966 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(200, 214, 176) }
```


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

```
.border{ border-color:rgb(200, 214, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 214, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 214, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 214, 176);  
box-shadow:4px 4px 4px 4px rgb(200, 214,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7025, 63.5071, 50.3966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 214, 176) }
```

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

```
.background{ background-color: rgb(200,  
214, 176) }
```

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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