

Converting Colors

XYZ(57.2147, 64.3346, 51.7861)

Have a look what the booklet for
XYZ(57.2147, 64.3346, 51.7861)
contains.

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Color

**XYZ(57.0851, 64.1852,
52.0281)**

Conversions

Conversions Part 1

Format	Color
Hex	CCD6B3
RGB	204, 214, 179
RGB Percent	80%, 84%, 70%
CMY	0.2000, 0.1608, 0.2980
CMYK	0.05, 0.00, 0.16, 0.16
HSL	77°, 30%, 77%
HSV	77°, 16%, 84%
XYZ	57.0851, 64.1852, 52.0281
YIQ	207.0200, 5.2750, -13.0050

Conversions

Conversions Part 2

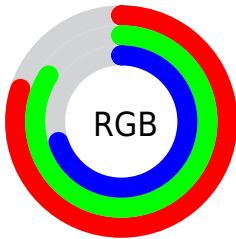
Format	Color
RYB	179, 214, 189
Decimal	13424307
CIELab	84.06, -9.45, 16.16
CIELCh	84, 18.720, 120.304
Yxy	64.1852, 0.3294, 0.3704
Android (android.graphics.Color)	4291614387 (0xFFCCD6B3)
YUV	207.0200, -13.8139, -2.6485
Hunter-Lab	80.1157, -13.0152, 17.5773

Details

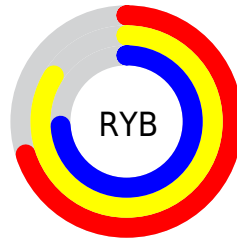
The XYZ color **57.0851, 64.1852, 52.0281** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.2465, 47.9158, 70.2749**, and the grayscale version is **59.4063, 62.5001, 68.0626**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **28.7417, 32.7867, 24.5523** is the 20% darker color. If you saturate the color by 10%, you get **53.4434, 62.5407, 41.4229**, and if you desaturate by 10%, it is **61.1321, 66.0036, 64.4084**.

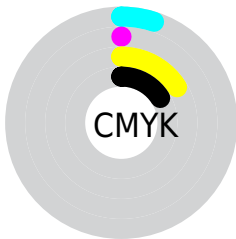
Distribution



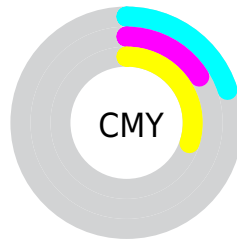
- Red (80%)
- Green (84%)
- Blue (70%)



- Red (70%)
- Yellow (84%)
- Blue (74%)



- Cyan (5%)
- Magenta (0%)
- Yellow (16%)
- Black (16%)



- Cyan (20%)
- Magenta (16%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0851, 64.1852, 52.0281 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 57.0851, 64.1852, 52.0281 by changing the saturation by 10% instead.

■ 57.0851, 64.1852,
52.0281

■ 57.0851, 64.1852,
52.0281

403.7771,
439.8581, 411.5051

■ 41.3140, 46.8007,
36.6451

■ 99.7200, 110.8776,
94.5997

■ 28.7533, 32.8781,
24.6392

127.3145,
140.9543, 122.6253

■ 19.0376, 22.0331,
15.5919

159.5808,
176.0305, 155.7023

■ 11.8016, 13.8812,
9.0846

196.8843,
216.4906, 194.2490

■ 6.6800, 8.0381,
4.6988

239.5903,
262.7191, 238.6841

■ 3.3073, 4.1193,
2.0160

288.0642,

■ 1.3183, 1.7405,

315.1002, 289.4262

0.5651

342.6714,
374.0184, 346.8936

■ 0.1968, 0.4497,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0851, 64.1852,
52.0281

■ 57.0851, 64.1852,
52.0281

■ 53.4434, 62.5407,
41.4229

■ 61.1321, 66.0036,
64.4084

■ 50.1856, 61.0552,
32.5072

■ 65.5943, 67.9937,
78.6357

■ 47.2960, 59.7245,
25.1946

■ 70.4879, 70.1641,
94.7830

■ 44.7557, 58.5407,
19.3896

■ 74.2411, 71.8862,
104.5702

■ 42.5438, 57.4956,
14.9862

■ 76.2215, 72.9071,
104.6629

■ 40.6368, 56.5797,
11.8650

■ 78.2712, 73.9638,
104.7588

■ 39.0074, 55.7818,
9.8863

■ 80.3910, 75.0566,
104.8580

■ 37.6214, 55.0882,
8.8742

■ 82.5815, 76.1859,
104.9606

■ 37.1546, 54.8525,
8.6293

■ 83.3379, 76.5758,
104.9960

Harmonies

Analogous

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



60.9640, 64.1852, 49.5166



57.0851, 64.1852, 52.0281



54.3628, 64.1852, 59.2115

Triad

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



57.0851, 64.1852, 52.0281



57.1549, 64.1852, 91.5697



69.2993, 64.1852, 69.7663

Complementary

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



57.0851, 64.1852, 52.0281



49.2465, 47.9158, 70.2749

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.



68.1698, 64.1852, 81.7737



57.0851, 64.1852, 52.0281



61.0482, 64.1852, 95.1938

Square

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



57.0851, 64.1852, 52.0281



54.4017, 64.1852, 82.0058



65.1027, 64.1852, 91.4255



68.1245, 64.1852, 59.0248

Rectangle

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



57.0851, 64.1852, 52.0281



53.5063, 64.1852, 66.1247



65.1027, 64.1852, 91.4255



69.1759, 64.1852, 73.7889

Sweetspot

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



57.0868, 64.1880, 52.0295



91.7366, 98.5212, 98.3829



54.0502, 53.9122, 50.2061



19.5385, 21.0443, 20.7538



0.0000, 0.0000, 0.0000



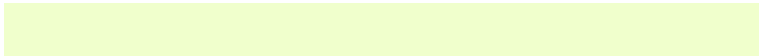
20.3446, 21.4041, 23.3091

Same Dimension

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



57.0868, 64.1880, 52.0295



82.7382, 94.4791, 71.0023



52.5771, 61.8632, 51.8184



13.1109, 14.3334, 13.2363



22.5633, 33.2081, 5.2206



1.4405, 2.0440, 0.3186

Inverse Universe

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



49.2465, 47.9158, 70.2749



68.7290, 65.4002, 103.6088



53.8294, 50.2784, 70.4894



12.0727, 12.1789, 15.6520



8.5949, 3.5833, 38.6918



0.5996, 0.2580, 2.3375

Previews

White Background



This preview shows how the XYZ color 57.0851, 64.1852, 52.0281 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 57.0851, 64.1852, 52.0281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

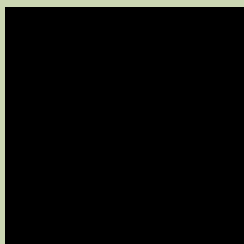
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

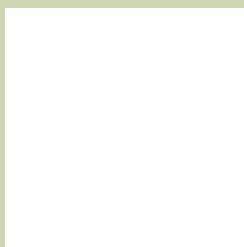
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.0851, 64.1852, 52.0281

Background



This preview shows how black text looks on a background with the XYZ color 57.0851, 64.1852, 52.0281.



This preview shows how white text looks on a background with the XYZ color 57.0851, 64.1852,

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

57.0851, 64.1852, 52.0281

Protanopia

60.4557, 64.1077, 50.2620

Deuteranopia

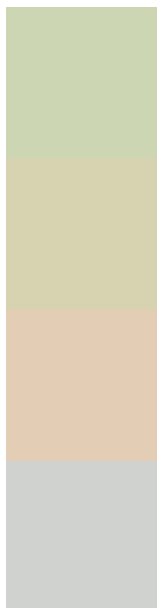
65.4992, 64.1437, 53.1848



Tritanopia

62.8744, 64.3425, 79.6265

Trichromacy



Original Color

57.0851, 64.1852, 52.0281

Protanomaly

59.2544, 64.2099, 50.8657

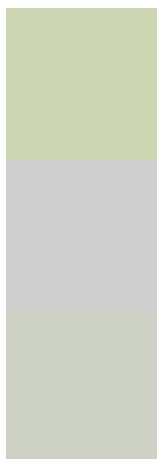
Deuteranomaly

62.0903, 63.8097, 52.7601

Tritanomaly

60.4442, 64.0572, 68.8530

Monochromacy



Original Color

57.0851, 64.1852, 52.0281

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.5782, 63.2462, 61.9437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0851, 64.1852, 52.0281 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(204, 214, 179)` looks like.

```
.text, #text, p{  
    color:rgb(204, 214, 179)  
}
```

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(204, 214, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 214, 179) }
```

Border

The CSS property to change the border of an element to XYZ 57.0851, 64.1852, 52.0281 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(204, 214, 179) }
```


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

```
.border{ border-color:rgb(204, 214, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 214, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 214, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 214, 179);  
box-shadow:4px 4px 4px 4px rgb(204, 214,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0851, 64.1852, 52.0281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 214, 179) }
```

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

```
.background{ background-color: rgb(204,  
214, 179) }
```

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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