

Converting Colors

XYZ(57.6631, 64.1086, 51.9828)

Have a look what the booklet for
XYZ(57.6631, 64.1086, 51.9828)
contains.

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Color

**XYZ(57.6631, 64.1086,
51.9828)**

Conversions

Conversions Part 1

Format	Color
Hex	CFD5B3
RGB	207, 213, 179
RGB Percent	81%, 84%, 70%
CMY	0.1882, 0.1647, 0.2980
CMYK	0.03, 0.00, 0.16, 0.16
HSL	71°, 29%, 77%
HSV	71°, 16%, 84%
XYZ	57.6631, 64.1086, 51.9828
YIQ	207.3300, 7.3380, -11.8460

Conversions

Conversions Part 2

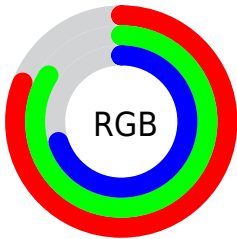
Format	Color
R _{YB}	179, 213, 185
Decimal	13620659
CIE Lab	84.02, -7.85, 16.14
CIE LCh	84, 17.949, 115.953
Yxy	64.1086, 0.3319, 0.3690
Android (android.graphics.Color)	4291810739 (0xFFCFD5B3)
YUV	207.3300, -13.9667, -0.2894
Hunter-Lab	80.0678, -11.5670, 17.5544

Details

The XYZ color **57.6631, 64.1086, 51.9828** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.1404, 47.3602, 69.5585**, and the grayscale version is **59.6064, 62.7106, 68.2918**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **29.1296, 32.7324, 24.5213** is the 20% darker color. If you saturate the color by 10%, you get **54.6354, 62.7797, 41.4511**, and if you desaturate by 10%, it is **61.0521, 65.5892, 64.2711**.

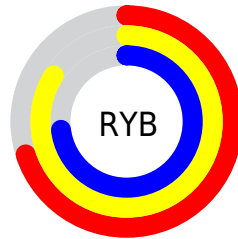
Distribution



Red (81%)

Green (84%)

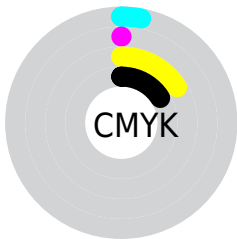
Blue (70%)



Red (70%)

Yellow (84%)

Blue (73%)

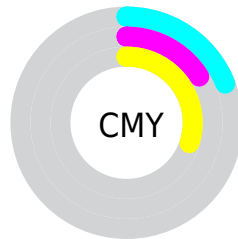


Cyan (3%)

Magenta (0%)

Yellow (16%)

Black (16%)



Cyan (19%)

Magenta (16%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6631, 64.1086, 51.9828 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 57.6631, 64.1086, 51.9828 by changing the saturation by 10% instead.

■ 57.6631, 64.1086,
51.9828

■ 57.6631, 64.1086,
51.9828

405.9035,
439.5817, 411.3253

■ 41.7801, 46.7386,
36.6092

■ 100.5579,
110.7673, 94.5322

■ 29.1195, 32.8291,
24.6117

128.3003,
140.8249, 122.5451

■ 19.3160, 21.9955,
15.5716

160.7267,
175.8804, 155.6082

■ 12.0042, 13.8536,
9.0705

198.2022,
216.3183, 194.1400

■ 6.8187, 8.0189,
4.6897

241.0923,
262.5230, 238.5590

■ 3.3943, 4.1071,
2.0109

289.7623,

■ 1.3656, 1.7336,

314.8789, 289.2839

0.5619

344.5776,
373.7703, 346.7332

■ 0.2315, 0.4453,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.6631, 64.1086,
51.9828

■ 57.6631, 64.1086,
51.9828

■ 54.6354, 62.7797,
41.4511

■ 61.0521, 65.5892,
64.2711

■ 51.9484, 61.5878,
32.5918

■ 64.8117, 67.2188,
78.3870

■ 49.5873, 60.5291,
25.3196

■ 68.9572, 69.0057,
94.4024

■ 47.5341, 59.5964,
19.5405

■ 71.9838, 70.3480,
104.3923

■ 45.7687, 58.7817,
15.1503

■ 73.1491, 70.9487,
104.4468

■ 44.2687, 58.0759,
12.0315

■ 74.3403, 71.5628,
104.5026

■ 43.0079, 57.4686,
10.0473

■ 75.5575, 72.1903,
104.5595

■ 41.9539, 56.9467,
9.0275

■ 76.8009, 72.8313,
104.6177

■ 41.5631, 56.7507,
8.7634

■ 78.0706, 73.4859,
104.6772

Harmonies

Analogous

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



61.4720, 64.1086, 50.2414



57.6631, 64.1086, 51.9828



54.8426, 64.1086, 58.2980

Triad

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



57.6631, 64.1086, 51.9828



56.7710, 64.1086, 89.4646



68.8442, 64.1086, 71.3529

Complementary

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



57.6631, 64.1086, 51.9828



48.1404, 47.3602, 69.5585

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.



67.4590, 64.1086, 82.7309



57.6631, 64.1086, 51.9828



60.3978, 64.1086, 93.8796

Square

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



57.6631, 64.1086, 51.9828



54.3434, 64.1086, 79.7828



64.3249, 64.1086, 91.2919



68.0355, 64.1086, 60.6929

Rectangle

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



57.6631, 64.1086, 51.9828



53.8447, 64.1086, 64.6457



64.3249, 64.1086, 91.2919



68.6182, 64.1086, 75.2283

Sweetspot

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



57.6648, 64.1114, 51.9842



92.2411, 98.7813, 98.4065



52.8587, 51.9612, 49.8923



19.6614, 21.1076, 20.7595



0.0000, 0.0000, 0.0000



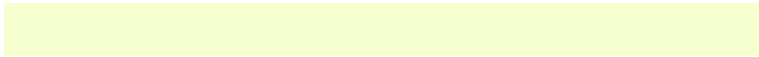
20.3446, 21.4041, 23.3091

Same Dimension

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



57.6648, 64.1114, 51.9842



85.1298, 95.6764, 72.7240



53.2517, 61.8364, 51.7776



13.2477, 14.4039, 13.2427



25.4650, 34.7040, 5.3564



1.5936, 2.1229, 0.3258

Inverse Universe

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



48.1404, 47.3602, 69.5585



68.3092, 66.0909, 103.7643



52.3994, 49.5559, 69.7578



11.9450, 12.1131, 15.6460



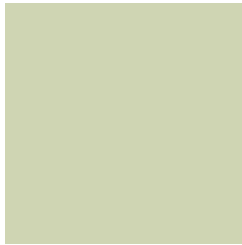
7.8767, 3.2131, 38.6582



0.5383, 0.2264, 2.3346

Previews

White Background



This preview shows how the XYZ color 57.6631, 64.1086, 51.9828 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 57.6631, 64.1086, 51.9828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

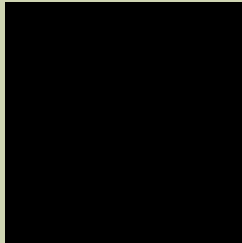
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

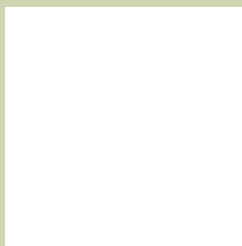
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.6631, 64.1086, 51.9828

Background



This preview shows how black text looks on a background with the XYZ color 57.6631, 64.1086, 51.9828.



This preview shows how white text looks on a background with the XYZ color 57.6631, 64.1086,

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

57.6631, 64.1086, 51.9828

Protanopia

60.2515, 63.9909, 50.7709

Deuteranopia

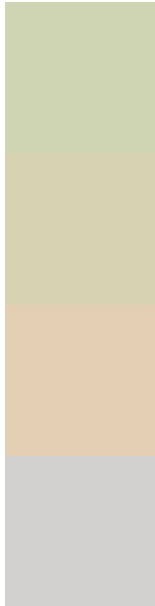
65.3962, 64.1025, 52.6423



Tritanopia

63.0727, 64.0995, 78.8602

Trichromacy



Original Color

57.6631, 64.1086, 51.9828

Protanomaly

59.1068, 63.7546, 51.3101

Deuteranomaly

62.3044, 63.9319, 52.2363

Tritanomaly

60.9269, 63.9548, 68.1648

Monochromacy



Original Color

57.6631, 64.1086, 51.9828

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.6106, 62.8975, 61.8747

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6631, 64.1086, 51.9828 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(207, 213, 179)` looks like.

```
.text, #text, p{  
    color:rgb(207, 213, 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(207, 213, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 213, 179) }
```

Border

The CSS property to change the border of an element to XYZ 57.6631, 64.1086, 51.9828 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(207, 213, 179) }
```


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

```
.border{ border-color:rgb(207, 213, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 213, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 213, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 213, 179);  
box-shadow:4px 4px 4px 4px rgb(207, 213,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6631, 64.1086, 51.9828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 213, 179) }
```

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

```
.background{ background-color: rgb(207,  
213, 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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