

Converting Colors

XYZ(57.0985, 62.1651, 31.5734)

Have a look what the booklet for
XYZ(57.0985, 62.1651, 31.5734)
contains.

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Color

**XYZ(57.0473, 62.0349,
31.5215)**

Conversions

Conversions Part 1

Format	Color
Hex	DFCF86
RGB	223, 207, 134
RGB Percent	87%, 81%, 53%
CMY	0.1255, 0.1882, 0.4745
CMYK	0.00, 0.07, 0.40, 0.13
HSL	49°, 58%, 70%
HSV	49°, 40%, 87%
XYZ	57.0473, 62.0349, 31.5215
YIQ	203.4620, 32.9690, -19.3110

Conversions

Conversions Part 2

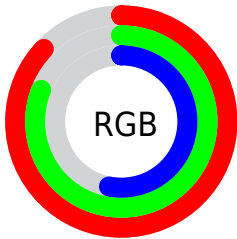
Format	Color
RYB	154, 223, 134
Decimal	14667654
CIELab	82.93, -4.67, 38.27
CIELCh	83, 38.550, 96.954
Yxy	62.0349, 0.3788, 0.4119
Android (android.graphics.Color)	4292857734 (0xFFDFCF86)
YUV	203.4620, -34.2448, 17.1348
Hunter-Lab	78.7622, -8.5468, 31.4051

Details

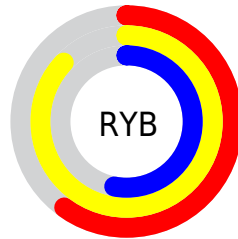
The XYZ color **57.0473, 62.0349, 31.5215** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.0568, 32.2076, 74.2335**, and the grayscale version is **57.2509, 60.2324, 65.5931**.

A 20% lighter version of the original color is **86.0771, 96.4108, 61.6494**, and **28.6785, 31.5140, 12.7549** is the 20% darker color. If you saturate the color by 10%, you get **54.6950, 59.5623, 23.8564**, and if you desaturate by 10%, it is **59.7553, 64.6937, 40.9245**.

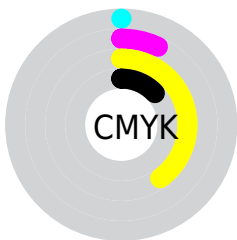
Distribution



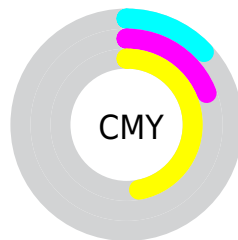
- Red (87%)
- Green (81%)
- Blue (53%)



- Red (60%)
- Yellow (87%)
- Blue (53%)



- Cyan (0%)
- Magenta (7%)
- Yellow (40%)
- Black (13%)



- Cyan (13%)
- Magenta (19%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0473, 62.0349, 31.5215 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 57.0473, 62.0349, 31.5215 by changing the saturation by 10% instead.

■ 57.0473, 62.0349,
31.5215

■ 57.0473, 62.0349,
31.5215

403.6378,
432.0584, 323.3590

■ 41.2835, 45.0609,
20.7345

■ 99.6652, 107.7760,
63.1494

■ 28.7293, 31.5054,
12.7407

■ 127.2499,
137.3118, 84.8273

■ 19.0194, 20.9840,
7.1216

■ 159.5058,
171.8038, 110.9726

■ 11.7884, 13.1123,
3.4587

196.7980,
211.6362, 142.0039

■ 6.6709, 7.5059,
1.3333

239.4919,
257.1934, 178.3396

■ 3.3017, 3.7805,
0.0889

287.9530,

■ 1.3152, 1.5515,

308.8600, 220.3983

0.0000

342.5465,
367.0202, 268.5986

■ 0.1946, 0.3246,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0473, 62.0349,
31.5215

■ 57.0473, 62.0349,
31.5215

■ 54.6950, 59.5623,
23.8564

■ 59.7553, 64.6937,
40.9245

■ 52.6728, 57.2586,
17.8159


■ 62.8336, 67.5381,
52.1617


■ 50.9589, 55.1172,
13.2792


■ 66.3014, 70.5783,
65.3266


■ 49.5267, 53.1269,
10.1069


■ 70.1752, 73.8212,
80.5053


 48.3446, 51.2750,
8.1337


 74.4706, 77.2732,
97.7789

 47.3578, 49.5392,
7.0718

 77.0716, 80.0884,
106.0042

 47.3492, 49.5237,
7.0635

 78.2065, 82.3582,
106.3825

 79.3672, 84.6797,
106.7695

 80.5540, 87.0532,
107.1650

Harmonies

Analogous

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



65.4464, 62.0349, 33.5602



57.0473, 62.0349, 31.5215



49.8619, 62.0349, 37.1602

Triad

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



57.0473, 62.0349, 31.5215



47.0846, 62.0349, 98.9876



74.9350, 62.0349, 87.1063

Complementary

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



57.0473, 62.0349, 31.5215



34.0568, 32.2076, 74.2335

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.



69.1076, 62.0349, 111.1499



57.0473, 62.0349, 31.5215



52.9213, 62.0349, 119.0590

Square

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



57.0473, 62.0349, 31.5215



44.4708, 62.0349, 73.2435



60.9197, 62.0349, 123.9665



76.3026, 62.0349, 62.1509

Rectangle

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



57.0473, 62.0349, 31.5215



46.5482, 62.0349, 45.5234



60.9197, 62.0349, 123.9665



73.4079, 62.0349, 95.7231

Sweetspot

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



57.0488, 62.0378, 31.5228



88.7796, 94.7250, 84.4103



44.4875, 34.9510, 33.3903



18.8668, 20.1573, 17.5485



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.



57.0488, 62.0378, 31.5228



74.5859, 81.2222, 33.7920



53.1493, 66.0742, 32.5074



14.6513, 15.5886, 14.5435



27.9165, 29.2709, 4.1785



1.9904, 2.1397, 0.3081

Inverse Universe

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



34.0568, 32.2076, 74.2335



39.3141, 35.4827, 99.3845



36.7825, 30.0793, 73.6791



13.1503, 13.6396, 17.3273



8.3379, 4.1453, 41.4090



0.6373, 0.4061, 2.8900

Previews

White Background



This preview shows how the XYZ color 57.0473, 62.0349, 31.5215 looks on a white background.

Color Contrast Check

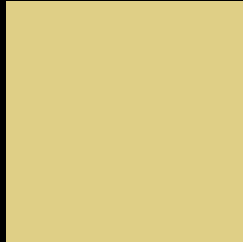
Large Text (above 18pt) WCAG AA × Fail

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 57.0473, 62.0349, 31.5215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

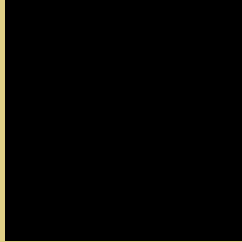
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.0473, 62.0349, 31.5215

Background



This preview shows how black text looks on a background with the XYZ color 57.0473, 62.0349, 31.5215.



This preview shows how white text looks on a background with the XYZ color 57.0473, 62.0349,

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

57.0473, 62.0349, 31.5215

Protanopia

57.4257, 61.8714, 31.4700

Deuteranopia

63.1216, 61.6665, 31.8685



Tritanopia

65.2552, 61.8924, 71.4579

Trichromacy



Original Color

57.0473, 62.0349, 31.5215

Protanomaly

57.1149, 61.7111, 31.4554

Deuteranomaly

60.8564, 61.8733, 31.6569

Tritanomaly

61.8515, 61.8920, 54.0338

Monochromacy



Original Color

57.0473, 62.0349, 31.5215

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.2071, 60.1017, 50.7578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0473, 62.0349, 31.5215 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(223, 207, 134)` looks like.

```
.text, #text, p{  
    color:rgb(223, 207, 134)  
}
```

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(223, 207, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 207, 134) }
```

Border

The CSS property to change the border of an element to XYZ 57.0473, 62.0349, 31.5215 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(223, 207, 134) }
```


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

```
.border{ border-color:rgb(223, 207, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 207, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 207, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 207, 134);  
box-shadow:4px 4px 4px 4px rgb(223, 207,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0473, 62.0349, 31.5215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 207, 134) }
```

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

```
.background{ background-color: rgb(223,  
207, 134) }
```

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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