

Converting Colors

XYZ(57.8431, 63.1224, 37.9632)

Have a look what the booklet for
XYZ(57.8431, 63.1224, 37.9632)
contains.

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Color

**XYZ(57.8207, 63.0186,
37.9705)**

Conversions

Conversions Part 1

Format	Color
Hex	DCD196
RGB	220, 209, 150
RGB Percent	86%, 82%, 59%
CMY	0.1373, 0.1804, 0.4118
CMYK	0.00, 0.05, 0.32, 0.14
HSL	51°, 50%, 73%
HSV	51°, 32%, 86%
XYZ	57.8207, 63.0186, 37.9705
YIQ	205.5630, 25.4950, -16.0170

Conversions

Conversions Part 2

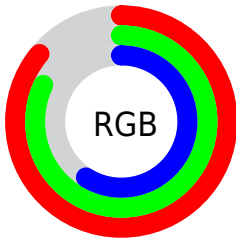
Format	Color
R_{YB}	163, 220, 150
Decimal	14471574
CIE Lab	83.45, -5.01, 30.69
CIE LCh	83, 31.101, 99.274
Yxy	63.0186, 0.3641, 0.3968
Android (android.graphics.Color)	4292661654 (0xFFDCD196)
YUV	205.5630, -27.3926, 12.6612
Hunter-Lab	79.3843, -8.9093, 27.2098

Details

The XYZ color **57.8207, 63.0186, 37.9705** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.2406, 37.1401, 72.8635**, and the grayscale version is **58.5463, 61.5953, 67.0772**.

A 20% lighter version of the original color is **88.0194, 97.1878, 71.8776**, and **29.2833, 32.2361, 16.4832** is the 20% darker color. If you saturate the color by 10%, you get **55.3748, 60.7006, 29.2206**, and if you desaturate by 10%, it is **60.6208, 65.5122, 48.4808**.

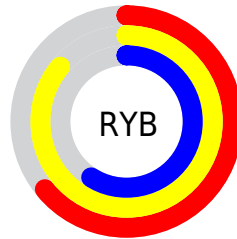
Distribution



Red (86%)

Green (82%)

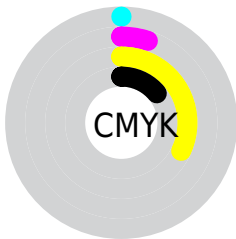
Blue (59%)



Red (64%)

Yellow (86%)

Blue (59%)

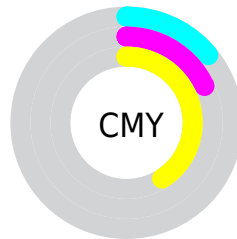


Cyan (0%)

Magenta (5%)

Yellow (32%)

Black (14%)



Cyan (14%)

Magenta (18%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8207, 63.0186, 37.9705 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 57.8207, 63.0186, 37.9705 by changing the saturation by 10% instead.

■ 57.8207, 63.0186,
37.9705

■ 57.8207, 63.0186,
37.9705

406.4821,
435.6370, 352.7878

■ 41.9072, 45.8563,
25.6581

■ 100.7862,
109.1963, 73.2658

■ 29.2194, 32.1324,
16.3446

■ 128.5689,
138.9805, 97.0859

■ 19.3920, 21.4627,
9.6113

161.0387,
173.7408, 125.5789

■ 12.0596, 13.4626,
5.0398

198.5610,
213.8615, 159.1635

■ 6.8567, 7.7479,
2.2115

241.5012,
259.7271, 198.2581

■ 3.4182, 3.9340,
0.6810

290.2245,

■ 1.3786, 1.6367,

311.7220, 243.2814

0.0000

345.0964,
370.2305, 294.6517

■ 0.2409, 0.3822,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.8207, 63.0186,
37.9705

■ 57.8207, 63.0186,
37.9705

■ 55.3748, 60.7006,
29.2206

■ 60.6208, 65.5122,
48.4808

■ 53.2596, 58.5418,
22.1288

■ 63.7876, 68.1799,
60.8382

■ 51.4561, 56.5368,
16.5886

■ 67.3389, 71.0311,
75.1284

■ 49.9411, 54.6761,
12.4791

■ 71.2898, 74.0722,
91.4305

■ 48.6883, 52.9489,
9.6617

■ 74.8387, 76.9825,
105.5224

■ 47.6660, 51.3424,
7.9702

■ 75.7894, 78.8840,
105.8393

■ 46.9575, 50.1001,
7.1954

■ 76.7592, 80.8235,
106.1626

■ 77.7481, 82.8014,
106.4922

■ 78.7563, 84.8178,
106.8283

Harmonies

Analogous

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



64.6304, 63.0186, 39.2850



57.8207, 63.0186, 37.9705



52.0177, 63.0186, 43.5817

Triad

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



57.8207, 63.0186, 37.9705



50.3613, 63.0186, 95.0696



72.9366, 63.0186, 82.6960

Complementary

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



57.8207, 63.0186, 37.9705



38.2406, 37.1401, 72.8635

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.



68.5349, 63.0186, 101.7680



57.8207, 63.0186, 37.9705



55.4011, 63.0186, 109.7960

Square

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



57.8207, 63.0186, 37.9705



47.9301, 63.0186, 74.8114



62.0230, 63.0186, 112.4550



73.7070, 63.0186, 62.7734

Rectangle

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



57.8207, 63.0186, 37.9705



49.3749, 63.0186, 51.2534



62.0230, 63.0186, 112.4550



71.8176, 63.0186, 89.5153

Sweetspot

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



57.8223, 63.0215, 37.9718



89.9483, 95.9362, 88.2721



46.9141, 39.6259, 39.2040



19.1087, 20.4166, 18.3213



0.0000, 0.0000, 0.0000



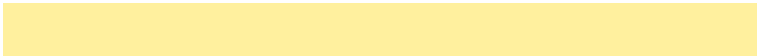
20.3446, 21.4041, 23.3091

Same Dimension

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



57.8223, 63.0215, 37.9718



78.5156, 85.9228, 44.8395



54.0374, 65.2140, 38.5945



13.9790, 14.8973, 13.8643



27.6264, 29.5384, 4.2454



1.8376, 2.0093, 0.2910

Inverse Universe

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



38.2406, 37.1401, 72.8635



47.1752, 44.5092, 100.7125



41.1327, 35.9031, 72.4723



12.5030, 12.9458, 16.4919



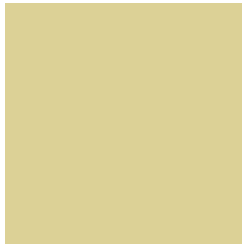
7.9790, 3.8274, 40.0566



0.5694, 0.3530, 2.6126

Previews

White Background



This preview shows how the XYZ color 57.8207, 63.0186, 37.9705 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 57.8207, 63.0186, 37.9705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

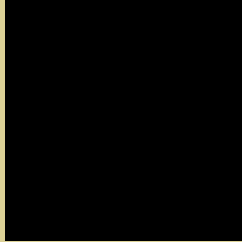
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.8207, 63.0186, 37.9705

Background



This preview shows how black text looks on a background with the XYZ color 57.8207, 63.0186, 37.9705.



This preview shows how white text looks on a background with the XYZ color 57.8207, 63.0186,

37.9705.

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

57.8207, 63.0186, 37.9705

Protanopia

58.7212, 63.1290, 37.5239

Deuteranopia

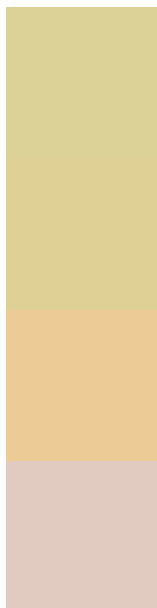
64.0970, 62.7067, 38.4311



Tritanopia

65.0439, 62.7604, 73.6515

Trichromacy



Original Color

57.8207, 63.0186, 37.9705

Protanomaly

58.4121, 62.9697, 37.5095

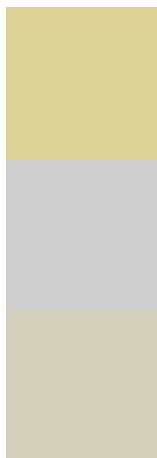
Deuteranomaly

61.8669, 62.9508, 38.1681

Tritanomaly

61.9217, 62.5252, 58.6741

Monochromacy



Original Color

57.8207, 63.0186, 37.9705

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.0397, 62.0197, 55.3664

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8207, 63.0186, 37.9705 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(220, 209, 150)` looks like.

```
.text, #text, p{  
    color:rgb(220, 209, 150)  
}
```

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(220, 209, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 209, 150) }
```

Border

The CSS property to change the border of an element to XYZ 57.8207, 63.0186, 37.9705 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(220, 209, 150) }
```


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

```
.border{ border-color:rgb(220, 209, 150) }
```

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

Here you see how a box with a 4 pixel rgb(220, 209, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 209, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 209, 150);  
box-shadow:4px 4px 4px 4px rgb(220, 209,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8207, 63.0186, 37.9705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 209, 150) }
```

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

```
.background{ background-color: rgb(220,  
209, 150) }
```

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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