

Converting Colors

XYZ(58.1203, 60.9661, 47.0952)

Have a look what the booklet for
XYZ(58.1203, 60.9661, 47.0952)
contains.

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Color

**XYZ(57.9200, 60.7122,
47.1940)**

Conversions

Conversions Part 1

Format	Color
Hex	DBCBA8
RGB	219, 203, 171
RGB Percent	86%, 80%, 67%
CMY	0.1412, 0.2039, 0.3294
CMYK	0.00, 0.07, 0.22, 0.14
HSL	40°, 40%, 76%
HSV	40°, 22%, 86%
XYZ	57.9200, 60.7122, 47.1940
YIQ	204.1360, 19.8080, -6.5600

Conversions

Conversions Part 2

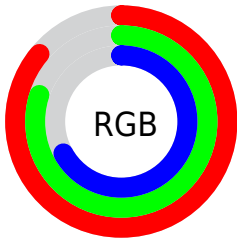
Format	Color
RYB	195, 219, 171
Decimal	14404523
CIELab	82.22, 0.52, 17.99
CIElCh	82, 18.001, 88.329
Yxy	60.7122, 0.3493, 0.3661
Android (android.graphics.Color)	4292594603 (0xFFDBCBA8)
YUV	204.1360, -16.3360, 13.0357
Hunter-Lab	77.9180, -3.6694, 18.6314

Details

The XYZ color **57.9200, 60.7122, 47.1940** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.3508, 49.3118, 74.0405**, and the grayscale version is **57.5731, 60.5714, 65.9622**.

A 20% lighter version of the original color is **90.7275, 98.2710, 86.1379**, and **29.3871, 30.7193, 21.8333** is the 20% darker color. If you saturate the color by 10%, you get **54.3205, 56.5814, 36.5346**, and if you desaturate by 10%, it is **61.9498, 65.1491, 59.7046**.

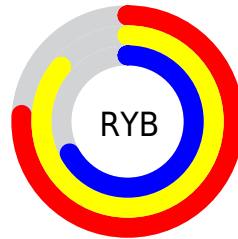
Distribution



Red (86%)

Green (80%)

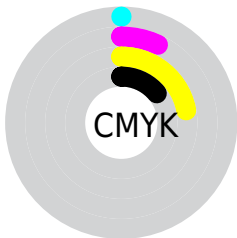
Blue (67%)



Red (76%)

Yellow (86%)

Blue (67%)

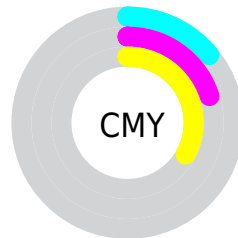


Cyan (0%)

Magenta (7%)

Yellow (22%)

Black (14%)



Cyan (14%)

Magenta (20%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9200, 60.7122, 47.1940 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 57.9200, 60.7122, 47.1940 by changing the saturation by 10% instead.

■ 57.9200, 60.7122,
47.1940

■ 57.9200, 60.7122,
47.1940

406.8464,
427.2180, 392.0045

■ 41.9873, 43.9929,
32.8336

■ 100.9300,
105.8621, 87.3561

■ 29.2824, 30.6650,
21.7289

128.7380,
135.0616, 113.9950

■ 19.4399, 20.3439,
13.4614

161.2353,
169.1899, 145.5637

■ 12.0945, 12.6452,
7.6126

198.7870,
208.6314, 182.4808

■ 6.8807, 7.1847,
3.7639

241.7586,
253.7706, 225.1649

■ 3.4333, 3.5779,
1.4967

290.5155,

■ 1.3868, 1.4404,

304.9918, 274.0346

0.2155

345.4230,
362.6795, 329.5083

■ 0.2468, 0.2462,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9200, 60.7122,
47.1940

■ 57.9200, 60.7122,
47.1940

■ 54.3205, 56.5814,
36.5346

■ 61.9498, 65.1491,
59.7046

■ 51.1283, 52.7395,
27.6326

■ 66.4219, 69.8925,
74.1463

■ 48.3255, 49.1795,
20.3916

■ 71.3540, 74.9530,
90.5991

■ 45.8906, 45.8912,
14.7043

■ 76.1756, 80.1043,
106.0545

■ 43.7996, 42.8630,
10.4509

■ 78.2751, 84.3033,
106.7544

■ 42.0255, 40.0820,
7.4938

■ 80.4609, 88.6749,
107.4830

■ 40.5356, 37.5335,
5.6678

■ 82.7341, 93.2212,
108.2407

■ 39.4957, 35.6246,
4.7946

■ 83.0235, 93.8001,
108.3372

Harmonies

Analogous

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



61.6565, 60.7122, 49.7388



57.9200, 60.7122, 47.1940



54.2823, 60.7122, 49.2321

Triad

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



57.9200, 60.7122, 47.1940



51.4657, 60.7122, 76.6214



64.1988, 60.7122, 77.8021

Complementary

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



57.9200, 60.7122, 47.1940



47.3508, 49.3118, 74.0405

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.



61.2689, 60.7122, 86.4506



57.9200, 60.7122, 47.1940



53.9263, 60.7122, 85.7176

Square

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



57.9200, 60.7122, 47.1940



50.6561, 60.7122, 65.4925



57.4908, 60.7122, 89.4940



65.3795, 60.7122, 66.7218

Rectangle

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



57.9200, 60.7122, 47.1940



52.3798, 60.7122, 53.0575



57.4908, 60.7122, 89.4940



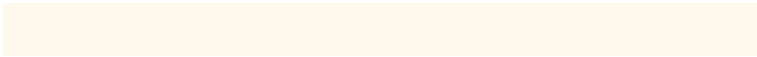
63.3796, 60.7122, 81.1338

Sweetspot

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



57.9216, 60.7149, 47.1953



90.4397, 95.1666, 93.8380



52.7465, 47.7745, 53.4558



19.2759, 20.2826, 19.8212



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.



57.9216, 60.7149, 47.1953



79.5052, 83.1460, 59.8320



59.5466, 67.4525, 48.4101



13.7777, 14.4947, 13.7972



23.5235, 21.3326, 2.8778



1.6019, 1.5380, 0.2124

Inverse Universe

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



47.3508, 49.3118, 74.0405



62.2049, 64.4865, 103.7763



45.9402, 43.8248, 73.0558



12.6914, 13.3226, 16.5547



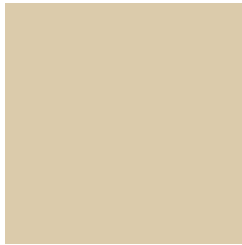
9.0837, 6.0369, 40.4249



0.6662, 0.5465, 2.6448

Previews

White Background



This preview shows how the XYZ color 57.9200, 60.7122, 47.1940 looks on a white background.

Color Contrast Check

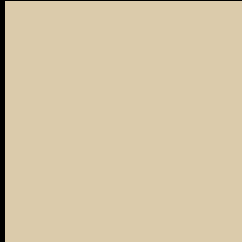
Large Text (above 18pt) WCAG AA × Fail

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 57.9200, 60.7122, 47.1940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

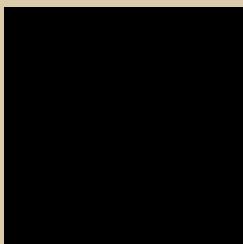
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

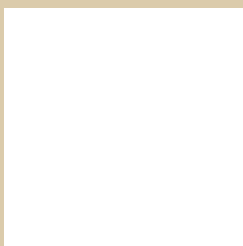
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.9200, 60.7122, 47.1940

Background



This preview shows how black text looks on a background with the XYZ color 57.9200, 60.7122, 47.1940.

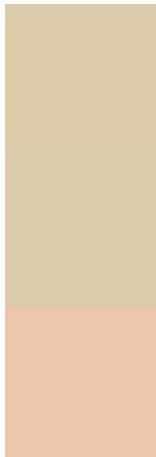


This preview shows how white text looks on a background with the XYZ color 57.9200, 60.7122,

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

57.9200, 60.7122, 47.1940

Protanopia

57.3582, 60.7632, 47.7351

Deuteranopia

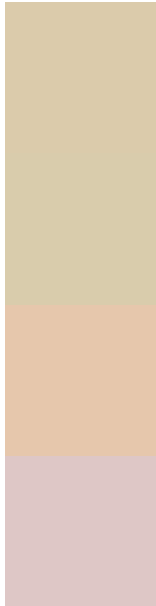
62.0047, 60.7439, 47.4865



Tritanopia

62.7170, 60.5839, 71.3391

Trichromacy



Original Color

57.9200, 60.7122, 47.1940

Protanomaly

57.6545, 60.9160, 47.7490

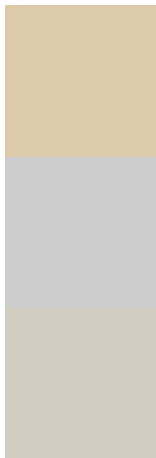
Deuteranomaly

60.5029, 60.6484, 47.5472

Tritanomaly

60.7407, 60.4537, 61.8934

Monochromacy



Original Color

57.9200, 60.7122, 47.1940

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.4018, 60.5468, 58.5305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9200, 60.7122, 47.1940 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(219, 203, 171) looks like.

```
.text, #text, p{  
    color:rgb(219, 203, 171)  
}
```

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(219, 203, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 203, 171) }
```

Border

The CSS property to change the border of an element to XYZ 57.9200, 60.7122, 47.1940 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(219, 203, 171) }
```


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

```
.border{ border-color:rgb(219, 203, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 203, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 203, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 203, 171);  
box-shadow:4px 4px 4px 4px rgb(219, 203,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9200, 60.7122, 47.1940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 203, 171) }
```

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

```
.background{ background-color: rgb(219,  
203, 171) }
```

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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