

Converting Colors

XYZ(57.3317, 62.4072, 43.0873)

Have a look what the booklet for
XYZ(57.3317, 62.4072, 43.0873)
contains.

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Color

**XYZ(57.3964, 62.3193,
43.1861)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D0A2
RGB	216, 208, 162
RGB Percent	85%, 82%, 64%
CMY	0.1529, 0.1843, 0.3647
CMYK	0.00, 0.04, 0.25, 0.15
HSL	51°, 41%, 74%
HSV	51°, 25%, 85%
XYZ	57.3964, 62.3193, 43.1861
YIQ	205.1480, 19.5340, -12.6100

Conversions

Conversions Part 2

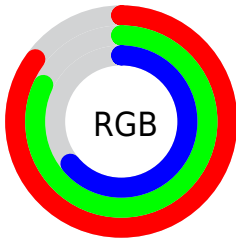
Format	Color
RYB	171, 216, 162
Decimal	14209186
CIELab	83.08, -4.46, 23.89
CIELCh	83, 24.299, 100.575
Yxy	62.3193, 0.3523, 0.3826
Android (android.graphics.Color)	4292399266 (0xFFD8D0A2)
YUV	205.1480, -21.2720, 9.5172
Hunter-Lab	78.9426, -8.3684, 22.8248

Details

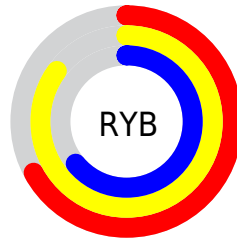
The XYZ color **57.3964, 62.3193, 43.1861** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.6696, 41.3878, 70.7586**, and the grayscale version is **58.2463, 61.2796, 66.7335**.

A 20% lighter version of the original color is **89.5244, 97.7898, 79.8025**, and **29.0680, 31.8141, 19.3605** is the 20% darker color. If you saturate the color by 10%, you get **54.8676, 60.0748, 33.6703**, and if you desaturate by 10%, it is **60.2740, 64.7328, 54.4468**.

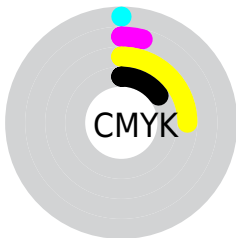
Distribution



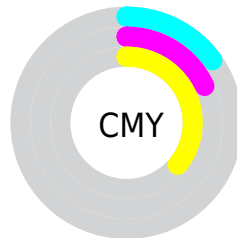
- Red (85%)
- Green (82%)
- Blue (64%)



- Red (67%)
- Yellow (85%)
- Blue (64%)



- Cyan (0%)
- Magenta (4%)
- Yellow (25%)
- Black (15%)



- Cyan (15%)
- Magenta (18%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3964, 62.3193, 43.1861 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 57.3964, 62.3193, 43.1861 by changing the saturation by 10% instead.

■ 57.3964, 62.3193,
43.1861

■ 57.3964, 62.3193,
43.1861

404.9232,
433.0948, 375.3202

■ 41.5650, 45.2908,
29.6987

■ 100.1714,
108.1869, 81.2810

■ 28.9504, 31.6865,
19.3599

■ 127.8456,
137.7947, 106.7255

■ 19.1874, 21.1222,
11.7512

160.1982,
172.3644, 136.9929

■ 11.9106, 13.2133,
6.4540

197.5944,
212.2804, 172.5015

■ 6.7546, 7.5756,
3.0498

240.3997,
257.9270, 213.6700

■ 3.3541, 3.8246,
1.1201

288.9794,

■ 1.3436, 1.5759,

309.6887, 260.9170

0.0000

343.6987,
367.9498, 314.6609

■ 0.2155, 0.3413,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.3964, 62.3193,
43.1861

■ 57.3964, 62.3193,
43.1861

■ 54.8676, 60.0748,
33.6703

■ 60.2740, 64.7328,
54.4468

■ 52.6659, 57.9840,
25.8066

■ 63.5113, 67.3133,
67.5308

■ 50.7743, 56.0421,
19.4997

■ 67.1246, 70.0697,
82.5168

■ 49.1726, 54.2409,
14.6429

■ 71.1280, 73.0076,
99.4773

■ 47.8378, 52.5711,
11.1161

■ 73.0237, 75.1283,
105.2602

■ 46.7434, 51.0218,
8.7798

■ 73.8913, 76.8636,
105.5494

■ 45.8569, 49.5799,
7.4636

■ 74.7752, 78.6314,
105.8440

■ 45.4635, 48.8879,
7.0401

■ 75.6755, 80.4318,
106.1441

■ 76.5922, 82.2652,
106.4497

Harmonies

Analogous

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



62.6590, 62.3193, 44.0473



57.3964, 62.3193, 43.1861



52.8968, 62.3193, 48.1527

Triad

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



57.3964, 62.3193, 43.1861



51.8804, 62.3193, 88.4852



69.2882, 62.3193, 77.9474

Complementary

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



57.3964, 62.3193, 43.1861



41.6696, 41.3878, 70.7586

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.



66.0552, 62.3193, 92.3098



57.3964, 62.3193, 43.1861



55.9335, 62.3193, 98.9891

Square

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



57.3964, 62.3193, 43.1861



49.8395, 62.3193, 73.3092



61.1076, 62.3193, 100.4839



69.7375, 62.3193, 62.6785

Rectangle

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



57.3964, 62.3193, 43.1861



50.8557, 62.3193, 54.6009



61.1076, 62.3193, 100.4839



68.4824, 62.3193, 83.0974

Sweetspot

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



57.3980, 62.3221, 43.1874



91.4706, 97.2285, 94.1817



48.5050, 43.3464, 43.8908



19.5152, 20.7610, 19.9010



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.



57.3980, 62.3221, 43.1874



81.5786, 88.9994, 55.2621



54.1302, 63.6047, 43.6072



13.3089, 14.1920, 13.1986



26.9721, 29.0615, 4.1878



1.6704, 1.8401, 0.2671

Inverse Universe

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



41.6696, 41.3878, 70.7586



54.9010, 53.4961, 102.0399



44.3483, 40.6110, 70.4675



11.8895, 12.3025, 15.6855



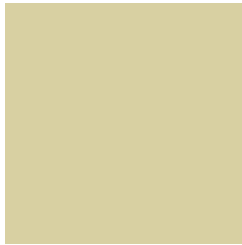
7.6904, 3.6426, 38.7509



0.5122, 0.3163, 2.3534

Previews

White Background



This preview shows how the XYZ color 57.3964, 62.3193, 43.1861 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 57.3964, 62.3193, 43.1861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

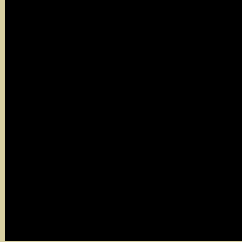
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

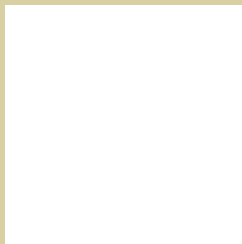
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.3964, 62.3193, 43.1861

Background



This preview shows how black text looks on a background with the XYZ color 57.3964, 62.3193, 43.1861.



This preview shows how white text looks on a background with the XYZ color 57.3964, 62.3193,

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

57.3964, 62.3193, 43.1861

Protanopia

58.2610, 62.4145, 42.6947

Deuteranopia

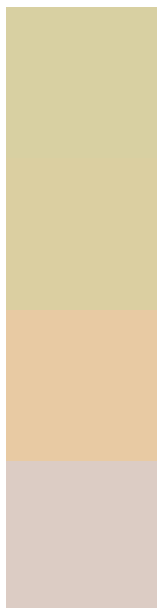
63.3999, 62.2280, 43.7916



Tritanopia

63.7127, 62.4191, 73.6558

Trichromacy



Original Color

57.3964, 62.3193, 43.1861

Protanomaly

57.9593, 62.2589, 42.6806

Deuteranomaly

61.0101, 62.0412, 43.4099

Tritanomaly

61.0719, 62.3869, 61.0476

Monochromacy



Original Color

57.3964, 62.3193, 43.1861

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.5511, 61.3720, 56.9568

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3964, 62.3193, 43.1861 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(216, 208, 162)` looks like.

```
.text, #text, p{  
    color:rgb(216, 208, 162)  
}
```

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(216, 208, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 208, 162) }
```

Border

The CSS property to change the border of an element to XYZ 57.3964, 62.3193, 43.1861 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(216, 208, 162) }
```


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

```
.border{ border-color:rgb(216, 208, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 208, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 208, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 208, 162); box-shadow:4px 4px 4px 4px rgb(216, 208, 162) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3964, 62.3193, 43.1861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 208, 162) }
```

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

```
.background{ background-color: rgb(216,  
208, 162) }
```

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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