

Converting Colors

XYZ(57.3189, 62.3909, 43.9159)

Have a look what the booklet for
XYZ(57.3189, 62.3909, 43.9159)
contains.

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Color

**XYZ(57.2810, 62.2392,
44.1163)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D0A4
RGB	215, 208, 164
RGB Percent	84%, 82%, 64%
CMY	0.1569, 0.1843, 0.3569
CMYK	0.00, 0.03, 0.24, 0.16
HSL	52°, 39%, 74%
HSV	52°, 24%, 84%
XYZ	57.2810, 62.2392, 44.1163
YIQ	205.0770, 18.2960, -12.2000

Conversions

Conversions Part 2

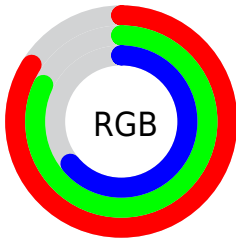
Format	Color
RYB	172, 215, 164
Decimal	14143652
CIELab	83.04, -4.56, 22.77
CIELCh	83, 23.218, 101.326
Yxy	62.2392, 0.3501, 0.3804
Android (android.graphics.Color)	4292333732 (0xFFD7D0A4)
YUV	205.0770, -20.2510, 8.7025
Hunter-Lab	78.8918, -8.4572, 22.0693

Details

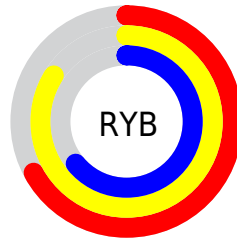
The XYZ color **57.2810, 62.2392, 44.1163** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.1382, 41.9234, 70.1612**, and the grayscale version is **58.1953, 61.2260, 66.6751**.

A 20% lighter version of the original color is **89.7862, 97.8945, 81.1811**, and **28.9774, 31.7546, 19.9312** is the 20% darker color. If you saturate the color by 10%, you get **54.7896, 60.1051, 34.5029**, and if you desaturate by 10%, it is **60.1173, 64.5370, 55.4656**.

Distribution



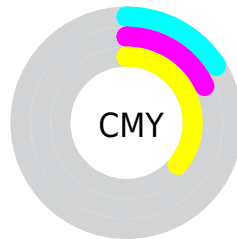
- Red (84%)
- Green (82%)
- Blue (64%)



- Red (67%)
- Yellow (84%)
- Blue (64%)



- Cyan (0%)
- Magenta (3%)
- Yellow (24%)
- Black (16%)



- Cyan (16%)
- Magenta (18%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.2810, 62.2392, 44.1163 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 57.2810, 62.2392, 44.1163 by changing the saturation by 10% instead.

■ 57.2810, 62.2392,
44.1163

■ 57.2810, 62.2392,
44.1163

404.4986,
432.8031, 379.2379

■ 41.4719, 45.2260,
30.4241

■ 100.0041,
108.0712, 82.6971

■ 28.8773, 31.6355,
19.9059

■ 127.6488,
137.6587, 108.4227

■ 19.1318, 21.0832,
12.1433

159.9694,
172.2065, 138.9965

■ 11.8702, 13.1849,
6.7176

197.3313,
212.0990, 174.8371

■ 6.7269, 7.5560,
3.2104

240.0998,
257.7205, 216.3630

■ 3.3367, 3.8122,
1.2030

288.6403,

■ 1.3342, 1.5690,

309.4554, 263.9927

0.0000

343.3181,
367.6881, 318.1449

■ 0.2086, 0.3366,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.2810, 62.2392,
44.1163

■ 57.2810, 62.2392,
44.1163

■ 54.7896, 60.1051,
34.5029

■ 60.1173, 64.5370,
55.4656

■ 52.6216, 58.1194,
26.5345

■ 63.3091, 66.9963,
68.6275

■ 50.7607, 56.2778,
20.1179

■ 66.8724, 69.6258,
83.6792

■ 49.1870, 54.5721,
15.1491

■ 70.8209, 72.4311,
100.6920

■ 47.8784, 52.9934,
11.5113

■ 72.3951, 74.3086,
105.1351

■ 46.8091, 51.5312,
9.0696

■ 73.1887, 75.8958,
105.3996

■ 45.9480, 50.1729,
7.6606

■ 73.9961, 77.5105,
105.6688

■ 45.4808, 49.3599,
7.1303

■ 74.8173, 79.1529,
105.9425

■ 75.6524, 80.8232,
106.2209

Harmonies

Analogous

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



62.3010, 62.2392, 44.8085



57.2810, 62.2392, 44.1163



53.0089, 62.2392, 49.0566

Triad

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



57.2810, 62.2392, 44.1163



52.2001, 62.2392, 87.7099



68.7798, 62.2392, 77.0094

Complementary

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



57.2810, 62.2392, 44.1163



42.1382, 41.9234, 70.1612

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.



65.7619, 62.2392, 90.7184



57.2810, 62.2392, 44.1163



56.1196, 62.2392, 97.4739

Square

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



57.2810, 62.2392, 44.1163



50.1881, 62.2392, 73.3432



61.0725, 62.2392, 98.6467



69.1343, 62.2392, 62.4825

Rectangle

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



57.2810, 62.2392, 44.1163



51.0857, 62.2392, 55.3508



61.0725, 62.2392, 98.6467



68.0355, 62.2392, 81.9157

Sweetspot

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



57.2826, 62.2420, 44.1176



91.5320, 97.3511, 94.2021



48.7131, 43.9638, 44.7729



19.5294, 20.7895, 19.9057



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.



57.2826, 62.2420, 44.1176



82.5650, 90.1343, 58.1739



54.0669, 63.1720, 44.4666



13.3209, 14.2159, 13.2026



27.2607, 29.6387, 4.2840



1.6852, 1.8696, 0.2721

Inverse Universe

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



42.1382, 41.9234, 70.1612



56.8783, 55.6748, 102.3562



44.7978, 41.3849, 69.9170



11.8786, 12.2806, 15.6818



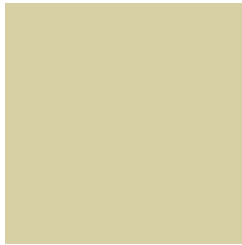
7.6514, 3.5647, 38.7379



0.5070, 0.3061, 2.3517

Previews

White Background



This preview shows how the XYZ color 57.2810, 62.2392, 44.1163 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 57.2810, 62.2392, 44.1163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

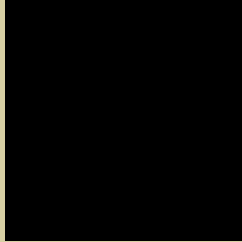
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.2810, 62.2392, 44.1163

Background



This preview shows how black text looks on a background with the XYZ color 57.2810, 62.2392, 44.1163.



This preview shows how white text looks on a background with the XYZ color 57.2810, 62.2392,

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

57.2810, 62.2392, 44.1163

Protanopia

58.1974, 62.0026, 43.5507

Deuteranopia

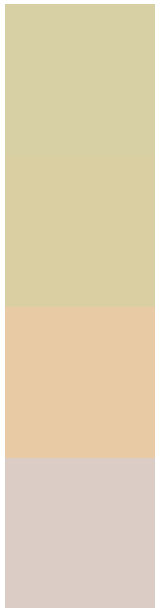
63.5820, 62.3008, 44.7505



Tritanopia

63.5352, 62.3126, 74.3245

Trichromacy



Original Color

57.2810, 62.2392, 44.1163

Protanomaly

57.8371, 62.1754, 43.6030

Deuteranomaly

61.1908, 62.1135, 44.3613

Tritanomaly

60.9993, 62.3230, 62.2406

Monochromacy



Original Color

57.2810, 62.2392, 44.1163

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.6601, 61.4156, 57.5306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2810, 62.2392, 44.1163 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(215, 208, 164)` looks like.

```
.text, #text, p{  
    color:rgb(215, 208, 164)  
}
```

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(215, 208, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 208, 164) }
```

Border

The CSS property to change the border of an element to XYZ 57.2810, 62.2392, 44.1163 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(215, 208, 164) }
```


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

```
.border{ border-color:rgb(215, 208, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 208, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 208, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 208, 164);  
box-shadow:4px 4px 4px 4px rgb(215, 208,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2810, 62.2392, 44.1163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 208, 164) }
```

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

```
.background{ background-color: rgb(215,  
208, 164) }
```

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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