

Converting Colors

XYZ(56.7939, 60.9180, 42.3219)

Have a look what the booklet for
XYZ(56.7939, 60.9180, 42.3219)
contains.

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Color

**XYZ(56.8796, 60.9876,
42.4921)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D9CDA1 |
| RGB | 217, 205, 161 |
| RGB Percent | 85%, 80%, 63% |
| CMY | 0.1490, 0.1961, 0.3686 |
| CMYK | 0.00, 0.06, 0.26, 0.15 |
| HSL | 47°, 42%, 74% |
| HSV | 47°, 26%, 85% |
| XYZ | 56.8796, 60.9876, 42.4921 |
| YIQ | 203.5720, 21.2760, -11.1400 |

Conversions

Conversions Part 2

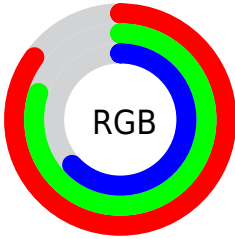
| Format | Color |
|-------------------------------------|--|
| RYB | 176, 217, 161 |
| Decimal | 14273953 |
| CIELab | 82.37, -2.67, 23.45 |
| CIELCh | 82, 23.604, 96.490 |
| Yxy | 60.9876, 0.3547, 0.3803 |
| Android (android.graphics.Color) | 4292464033 (0xFFD9CDA1) |
| YUV | 203.5720, -20.9880, 11.7764 |
| Hunter-Lab | 78.0946, -6.6563, 22.4059 |

Details

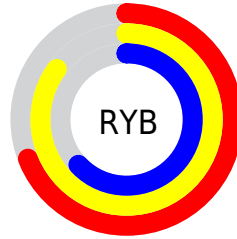
The XYZ color **56.8796, 60.9876, 42.4921** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.1656, 42.4728, 71.6215**, and the grayscale version is **57.2445, 60.2257, 65.5858**.

A 20% lighter version of the original color is **89.3947, 97.7379, 79.1194**, and **28.7272, 30.9187, 18.9218** is the 20% darker color. If you saturate the color by 10%, you get **54.0348, 58.0990, 32.9081**, and if you desaturate by 10%, it is **60.0927, 64.0806, 53.8387**.

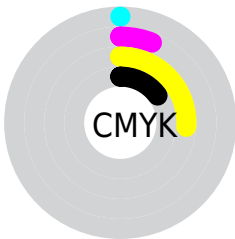
Distribution



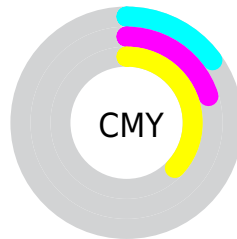
- Red (85%)
- Green (80%)
- Blue (63%)



- Red (69%)
- Yellow (85%)
- Blue (63%)



- Cyan (0%)
- Magenta (6%)
- Yellow (26%)
- Black (15%)





- Cyan (15%)
- Magenta (20%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.8796, 60.9876, 42.4921 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 56.8796, 60.9876, 42.4921 by changing the saturation by 10% instead.


 56.8796, 60.9876,
42.4921


 56.8796, 60.9876,
42.4921


403.0195,
428.2285, 372.3785

 41.1483, 44.2152,
29.1584


 99.4219, 106.2610,
80.2220

 28.6232, 30.8397,
18.9540


 126.9636,
135.5307, 105.4552

 18.9388, 20.4768,
11.4606


159.1728,
169.7350, 135.4920

 11.7298, 12.7421,
6.2595

196.4150,
209.2582, 170.7509

 6.6309, 7.2512,
2.9322

239.0553,
254.4848, 211.6505

 3.2766, 3.6197,
1.0601

287.4593,

 1.3017, 1.4632,

305.7991, 258.6092

0.0000

341.9922,
363.5856, 312.0457

■ 0.1845, 0.2626,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.8796, 60.9876,
42.4921

■ 56.8796, 60.9876,
42.4921

■ 54.0348, 58.0990,
32.9081

■ 60.0927, 64.0806,
53.8387

■ 51.5362, 55.3992,
24.9926

■ 63.6857, 67.3767,
67.0281

■ 49.3664, 52.8829,
18.6482

■ 67.6752, 70.8851,
82.1401

■ 47.5043, 50.5412,
13.7659

■ 72.0756, 74.6121,
99.2486

45.9265, 48.3641,
10.2230

74.4764, 77.5939,
105.6595

44.6054, 46.3403,
7.8763

75.7742, 80.1895,
106.0921

43.5072, 44.4557,
6.5491

77.1067, 82.8544,
106.5363

43.0877, 43.6965,
6.1633

78.4740, 85.5891,
106.9921

79.8766, 88.3942,
107.4596

Harmonies

Analogous

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



61.9149, 60.9876, 44.0887



56.8796, 60.9876, 42.4921



52.3986, 60.9876, 46.5168

Triad

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



56.8796, 60.9876, 42.4921



50.5273, 60.9876, 84.2942



67.3046, 60.9876, 78.0899

Complementary

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



56.8796, 60.9876, 42.4921



42.1656, 42.4728, 71.6215

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.



63.9163, 60.9876, 91.2811



56.8796, 60.9876, 42.4921



54.1904, 60.9876, 95.2101

Square

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



56.8796, 60.9876, 42.4921



48.8706, 60.9876, 69.5883



59.0679, 60.9876, 97.9361



68.1271, 60.9876, 63.3206

Rectangle

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



56.8796, 60.9876, 42.4921



50.2643, 60.9876, 52.2449



59.0679, 60.9876, 97.9361



66.4188, 60.9876, 82.9173

Sweetspot

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



56.8812, 60.9904, 42.4934



90.5595, 95.9987, 92.0512



48.9164, 43.2644, 45.3763



19.2116, 20.3914, 19.0677



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.



56.8812, 60.9904, 42.4934



79.6658, 85.5812, 53.3683



55.3695, 64.6352, 43.2766



13.9132, 14.7658, 13.8424



26.1628, 26.6112, 3.7575



1.7552, 1.8444, 0.2635

Inverse Universe

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



42.1656, 42.4728, 71.6215



54.9871, 54.5321, 102.2354



43.3710, 39.8317, 71.0482



12.5636, 13.0670, 16.5121



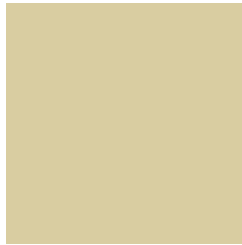
8.2476, 4.3646, 40.1462



0.5979, 0.4099, 2.6221

Previews

White Background



This preview shows how the XYZ color 56.8796, 60.9876, 42.4921 looks on a white background.

Color Contrast Check

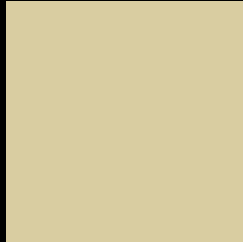
Large Text (above 18pt) WCAG AA × Fail

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 56.8796, 60.9876, 42.4921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

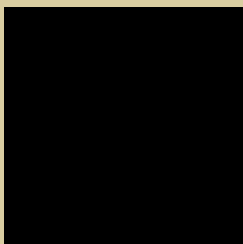
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

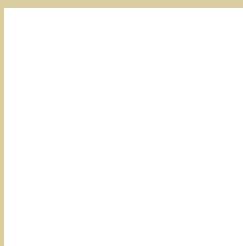
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.8796, 60.9876, 42.4921

Background



This preview shows how black text looks on a background with the XYZ color 56.8796, 60.9876, 42.4921.



This preview shows how white text looks on a background with the XYZ color 56.8796, 60.9876,

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

56.8796, 60.9876, 42.4921

Protanopia

57.1778, 61.1413, 42.5061

Deuteranopia

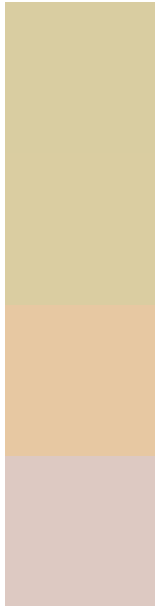
62.1737, 60.9276, 43.1336



Tritanopia

62.6357, 60.8802, 71.4006

Trichromacy



Original Color

56.8796, 60.9876, 42.4921

Protanomaly

57.1778, 61.1413, 42.5061

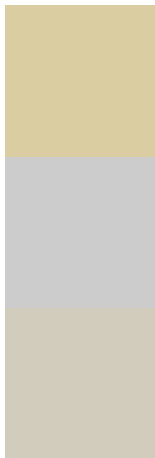
Deuteranomaly

60.1309, 60.9061, 42.7692

Tritanomaly

60.4430, 61.0405, 59.6352

Monochromacy



Original Color

56.8796, 60.9876, 42.4921

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.9645, 60.3719, 56.2275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8796, 60.9876, 42.4921 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(217, 205, 161)` looks like.

```
.text, #text, p{  
    color:rgb(217, 205, 161)  
}
```

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(217, 205, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 205, 161) }
```

Border

The CSS property to change the border of an element to XYZ 56.8796, 60.9876, 42.4921 is called "border". The border property can be set on classes, ids or directly on the HTML element.

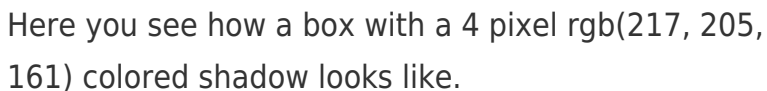
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 205, 161) }
```


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

```
.border{ border-color:rgb(217, 205, 161) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 205, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 205, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 205, 161); box-shadow:4px 4px 4px 4px rgb(217, 205, 161) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8796, 60.9876, 42.4921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 205, 161) }
```

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

```
.background{ background-color: rgb(217,  
205, 161) }
```

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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