

Converting Colors

XYZ(57.8363, 61.4393, 44.4080)

Have a look what the booklet for
XYZ(57.8363, 61.4393, 44.4080)
contains.

XYZ(57.8363, 61.4393, 44.4080)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.8363, 61.4393,
44.4080)**

Conversions

Conversions Part 1

Format	Color
Hex	DBCDA5
RGB	219, 205, 165
RGB Percent	86%, 80%, 65%
CMY	0.1412, 0.1961, 0.3529
CMYK	0.00, 0.06, 0.25, 0.14
HSL	44°, 43%, 75%
HSV	44°, 25%, 86%
XYZ	57.8363, 61.4393, 44.4080
YIQ	204.6260, 21.1840, -9.4720

Conversions

Conversions Part 2

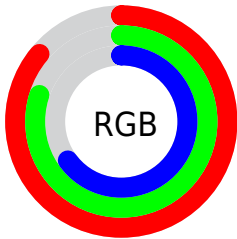
Format	Color
RYB	184, 219, 165
Decimal	14405029
CIELab	82.61, -1.36, 21.71
CIELCh	83, 21.748, 93.593
Yxy	61.4393, 0.3533, 0.3754
Android (android.graphics.Color)	4292595109 (0xFFDBCDA5)
YUV	204.6260, -19.5356, 12.6060
Hunter-Lab	78.3832, -5.4616, 21.2775

Details

The XYZ color **57.8363, 61.4393, 44.4080** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.4232, 45.3530, 73.4309**, and the grayscale version is **57.9028, 60.9182, 66.3400**.

A 20% lighter version of the original color is **89.9183, 97.9473, 81.8767**, and **29.1515, 31.1120, 20.0916** is the 20% darker color. If you saturate the color by 10%, you get **54.6785, 58.0450, 34.3490**, and if you desaturate by 10%, it is **61.3879, 65.0742, 56.2837**.

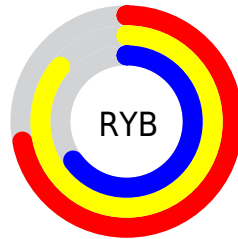
Distribution



Red (86%)

Green (80%)

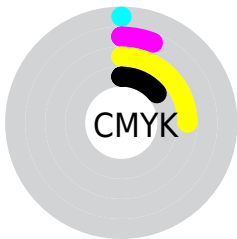
Blue (65%)



Red (72%)

Yellow (86%)

Blue (65%)

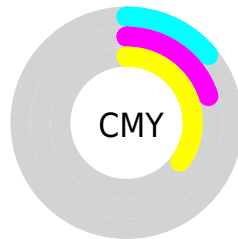


Cyan (0%)

Magenta (6%)

Yellow (25%)

Black (14%)



Cyan (14%)


Magenta (20%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8363, 61.4393, 44.4080 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 57.8363, 61.4393, 44.4080 by changing the saturation by 10% instead.


 57.8363, 61.4393,
44.4080


 57.8363, 61.4393,
44.4080


406.5394,
429.8829, 380.4606

 41.9198, 44.5798,
30.6518


 100.8088,
106.9148, 83.1403

 29.2293, 31.1266,
20.0776


 128.5955,
136.2995, 108.9536

 19.3995, 20.6953,
12.2669


161.0696,
170.6281, 139.6230

 12.0650, 12.9014,
6.8009

198.5965,
210.2849, 175.5670

 6.8605, 7.3607,
3.2614

241.5416,
255.6545, 217.2043

 3.4206, 3.6887,
1.2296

290.2702,

 1.3799, 1.5010,

307.1210, 264.9533

0.0030

345.1477,
365.0690, 319.2325

■ 0.2418, 0.2894,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.8363, 61.4393,
44.4080

■ 57.8363, 61.4393,
44.4080

■ 54.6785, 58.0450,
34.3490

■ 61.3879, 65.0742,
56.2837

■ 51.8919, 54.8751,
26.0110

■ 65.3452, 68.9488,
70.0575

■ 49.4586, 51.9236,
19.2956

■ 69.7254, 73.0731,
85.8104

■ 47.3572, 49.1812,
14.0927

■ 74.5433, 77.4536,
103.6176

45.5636, 46.6374,
10.2782

76.5117, 80.7763,
106.1665

44.0500, 44.2802,
7.7086

78.1480, 84.0490,
106.7120

42.7827, 42.0951,
6.2086

79.8365, 87.4260,
107.2748

42.1764, 40.9858,
5.6881

81.5777, 90.9084,
107.8552

83.0236, 93.8002,
108.3372

Harmonies

Analogous

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



62.4741, 61.4393, 46.4381



57.8363, 61.4393, 44.4080



53.5759, 61.4393, 47.7108

Triad

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



57.8363, 61.4393, 44.4080



51.2434, 61.4393, 82.1293



66.7980, 61.4393, 78.9759

Complementary

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



57.8363, 61.4393, 44.4080



44.4232, 45.3530, 73.4309

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.



63.4974, 61.4393, 90.6400



57.8363, 61.4393, 44.4080



54.4997, 61.4393, 92.6241

Square

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



57.8363, 61.4393, 44.4080



49.8993, 61.4393, 68.5186



58.9597, 61.4393, 95.9274



67.8068, 61.4393, 65.3011

Rectangle

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



57.8363, 61.4393, 44.4080



51.4751, 61.4393, 52.7882



58.9597, 61.4393, 95.9274



65.9114, 61.4393, 83.3192

Sweetspot

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



57.8379, 61.4421, 44.4093



90.8498, 95.9869, 93.9747



50.8464, 45.2420, 48.9137



19.3711, 20.4728, 19.8529



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.



57.8379, 61.4421, 44.4093



79.0841, 84.0103, 54.4306



57.6884, 66.5593, 45.4049



13.8618, 14.6629, 13.8252



25.1014, 24.4883, 3.4037



1.6944, 1.7228, 0.2432

Inverse Universe

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



44.4232, 45.3530, 73.4309



56.7939, 57.2820, 102.6709



44.5105, 41.4433, 72.6716



12.6117, 13.1631, 16.5282



8.5177, 4.9049, 40.2362



0.6214, 0.4569, 2.6299

Previews

White Background



This preview shows how the XYZ color 57.8363, 61.4393, 44.4080 looks on a white background.

Color Contrast Check

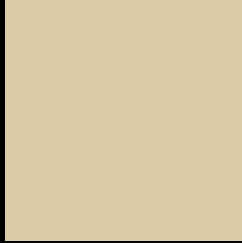
Large Text (above 18pt) WCAG AA × Fail

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 57.8363, 61.4393, 44.4080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

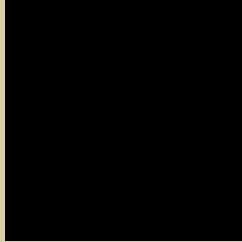
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

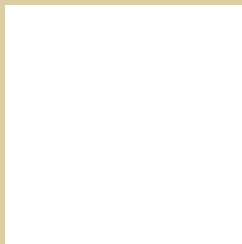
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.8363, 61.4393, 44.4080

Background



This preview shows how black text looks on a background with the XYZ color 57.8363, 61.4393, 44.4080.

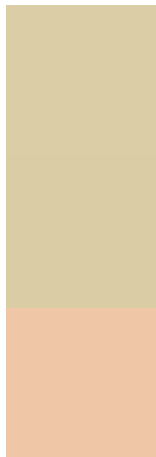


This preview shows how white text looks on a background with the XYZ color 57.8363, 61.4393,

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

57.8363, 61.4393, 44.4080

Protanopia

57.5363, 61.2847, 44.3939

Deuteranopia

62.6736, 61.4921, 44.6423



Tritanopia

63.3830, 61.2508, 72.1003

Trichromacy



Original Color

57.8363, 61.4393, 44.4080

Protanomaly

57.5363, 61.2847, 44.3939

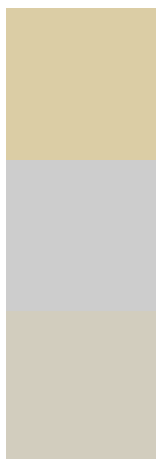
Deuteranomaly

61.0483, 61.6823, 44.7647

Tritanomaly

61.2819, 61.4468, 60.8551

Monochromacy



Original Color

57.8363, 61.4393, 44.4080

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.7039, 61.0820, 57.4639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8363, 61.4393, 44.4080 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, 205, 165)` looks like.

```
.text, #text, p{  
    color:rgb(219, 205, 165)  
}
```

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, 205, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 205, 165) }
```

Border

The CSS property to change the border of an element to XYZ 57.8363, 61.4393, 44.4080 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, 205, 165) }
```


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

```
.border{ border-color:rgb(219, 205, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 205, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 205, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 205, 165);  
box-shadow:4px 4px 4px 4px rgb(219, 205,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8363, 61.4393, 44.4080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 205, 165) }
```

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

```
.background{ background-color: rgb(219,  
205, 165) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor