

Converting Colors

XYZ(57.1397, 58.3530, 41.9699)

Have a look what the booklet for
XYZ(57.1397, 58.3530, 41.9699)
contains.

XYZ(57.1397, 58.3530, 41.9699)	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(57.1397, 58.3530,
41.9699)**

Conversions

Conversions Part 1

Format	Color
Hex	E0C5A1
RGB	224, 197, 161
RGB Percent	88%, 77%, 63%
CMY	0.1216, 0.2274, 0.3686
CMYK	0.00, 0.12, 0.28, 0.12
HSL	34°, 50%, 75%
HSV	34°, 28%, 88%
XYZ	57.1397, 58.3530, 41.9699
YIQ	200.9690, 27.6480, -5.4720

Conversions

Conversions Part 2

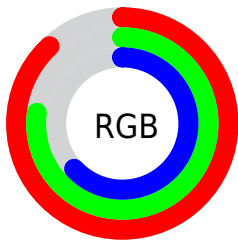
Format	Color
R_{YB}	208, 224, 161
Decimal	14730657
CIE _{Lab}	80.93, 4.17, 21.58
CIE _{LCh}	81, 21.974, 79.063
Yxy	58.3530, 0.3629, 0.3706
Android (android.graphics.Color)	4292920737 (0xFFE0C5A1)
YUV	200.9690, -19.7047, 20.1982
Hunter-Lab	76.3891, -0.1615, 20.8971

Details

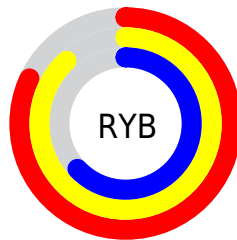
The XYZ color **57.1397, 58.3530, 41.9699** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.1352, 48.9238, 77.5327**, and the grayscale version is **55.6057, 58.5015, 63.7081**.

A 20% lighter version of the original color is **89.0765, 97.1015, 79.0134**, and **28.7312, 29.0739, 18.5655** is the 20% darker color. If you saturate the color by 10%, you get **53.2285, 53.4135, 31.7782**, and if you desaturate by 10%, it is **61.5466, 63.7169, 54.0740**.

Distribution



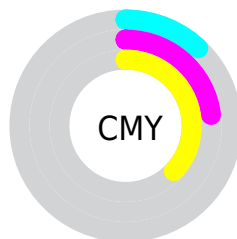
- Red (88%)
- Green (77%)
- Blue (63%)



- Red (82%)
- Yellow (88%)
- Blue (63%)



- Cyan (0%)
- Magenta (12%)
- Yellow (28%)
- Black (12%)



- Cyan (12%)
- Magenta (23%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1397, 58.3530, 41.9699 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 57.1397, 58.3530, 41.9699 by changing the saturation by 10% instead.

■ 57.1397, 58.3530,
41.9699

■ 57.1397, 58.3530,
41.9699

403.9783,
418.5000, 370.1541

■ 41.3580, 42.0925,
28.7523

■ 99.7992, 102.4367,
79.4237

■ 28.7878, 29.1737,
18.6496

■ 127.4077,
131.0288, 104.4969

■ 19.0638, 19.2123,
11.2431

159.6891,
164.5001, 134.3592

■ 11.8207, 11.8238,
6.1144

197.0089,
203.2351, 169.4290

■ 6.6930, 6.6238,
2.8448

239.7323,
247.6182, 210.1248

■ 3.3155, 3.2280,
1.0160

288.2248,

■ 1.3227, 1.2519,

298.0338, 256.8653

0.0000

342.8517,
354.8663, 310.0689

■ 0.2001, 0.1035,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.1397, 58.3530,
41.9699

■ 57.1397, 58.3530,
41.9699

■ 53.2285, 53.4135,
31.7782

■ 61.5466, 63.7169,
54.0740

■ 49.7871, 48.8779,
23.3949

■ 66.4647, 69.5093,
68.1799

■ 46.7936, 44.7351,
16.7115

■ 71.9142, 75.7442,
84.3755

■ 44.2224, 40.9707,
11.6064

■ 77.9130, 82.4325,
102.7426

■ 42.0446, 37.5685,
7.9414

■ 81.4420, 88.3703,
107.3725

■ 40.2267, 34.5106,
5.5539

■ 84.4215, 94.3293,
108.3656

■ 38.7219, 31.7734,
4.2127

■ 84.5505, 94.5873,
108.4086

■ 38.4620, 31.2902,
4.0124

Harmonies

Analogous

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



61.3964, 58.3530, 46.4224



57.1397, 58.3530, 41.9699



52.6535, 58.3530, 42.6709

Triad

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



57.1397, 58.3530, 41.9699



47.5962, 58.3530, 72.0783



62.3395, 58.3530, 81.4130

Complementary

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



57.1397, 58.3530, 41.9699



46.1352, 48.9238, 77.5327

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.



58.3702, 58.3530, 90.2894



57.1397, 58.3530, 41.9699



49.9243, 58.3530, 84.4115

Square

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



57.1397, 58.3530, 41.9699



47.3069, 58.3530, 58.8991



53.8190, 58.3530, 91.4562



64.5059, 58.3530, 68.4111

Rectangle

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



57.1397, 58.3530, 41.9699



50.1290, 58.3530, 45.9962



53.8190, 58.3530, 91.4562



61.1621, 58.3530, 85.0499

Sweetspot

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



57.1412, 58.3557, 41.9711



89.2122, 93.3041, 91.6021



52.5953, 44.9815, 53.6575



18.8712, 19.7107, 18.9542



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.



57.1412, 58.3557, 41.9711



73.3683, 74.1632, 47.6405



62.5436, 71.0691, 44.1403



14.3542, 14.9945, 14.4445



22.5039, 18.4458, 2.3743



1.6482, 1.4552, 0.1940

Inverse Universe

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



46.1352, 48.9238, 77.5327



56.2016, 59.4562, 103.1218



41.7587, 38.8931, 75.8273



13.4326, 14.2042, 17.4214



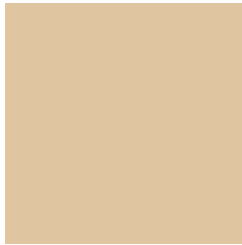
10.3744, 8.2183, 42.0879



0.8066, 0.7447, 2.9465

Previews

White Background



This preview shows how the XYZ color 57.1397, 58.3530, 41.9699 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 57.1397, 58.3530, 41.9699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

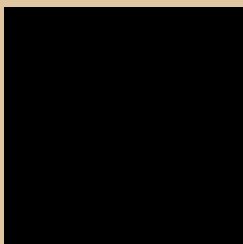
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.1397, 58.3530, 41.9699

Background



This preview shows how black text looks on a background with the XYZ color 57.1397, 58.3530, 41.9699.



This preview shows how white text looks on a background with the XYZ color 57.1397, 58.3530,

41.9699.

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

57.1397, 58.3530, 41.9699

Protanopia

54.9381, 58.5638, 43.0587

Deuteranopia

59.5232, 58.2410, 42.2868



Tritanopia

62.0845, 58.3758, 66.3880

Trichromacy



Original Color

57.1397, 58.3530, 41.9699

Protanomaly

55.7911, 58.6689, 42.5661

Deuteranomaly

58.4465, 58.0152, 42.3000

Tritanomaly

60.0428, 58.1885, 56.7821

Monochromacy



Original Color

57.1397, 58.3530, 41.9699

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.8117, 58.4090, 54.7869

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1397, 58.3530, 41.9699 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(224, 197, 161)` looks like.

```
.text, #text, p{  
    color:rgb(224, 197, 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(224, 197, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 197, 161) }
```

Border

The CSS property to change the border of an element to XYZ 57.1397, 58.3530, 41.9699 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(224, 197, 161) }
```


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

```
.border{ border-color:rgb(224, 197, 161) }
```

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

Here you see how a box with a 4 pixel rgb(224, 197, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 197, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 197, 161);  
box-shadow:4px 4px 4px 4px rgb(224, 197,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1397, 58.3530, 41.9699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 197, 161) }
```

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

```
.background{ background-color: rgb(224,  
197, 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](#).

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