

Converting Colors

XYZ(61.2661, 64.0658, 44.2453)

Have a look what the booklet for
XYZ(61.2661, 64.0658, 44.2453)
contains.

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Color

**XYZ(61.3268, 63.9640,
44.2360)**

Conversions

Conversions Part 1

Format	Color
Hex	E5CFA4
RGB	229, 207, 164
RGB Percent	90%, 81%, 64%
CMY	0.1020, 0.1882, 0.3569
CMYK	0.00, 0.10, 0.28, 0.10
HSL	40°, 56%, 77%
HSV	40°, 28%, 90%
XYZ	61.3268, 63.9640, 44.2360
YIQ	208.6760, 26.9150, -8.7090

Conversions

Conversions Part 2

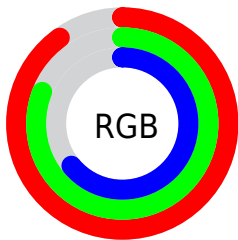
Format	Color
RYB	197, 229, 164
Decimal	15060900
CIELab	83.95, 1.25, 24.20
CIElCh	84, 24.227, 87.041
Yxy	63.9640, 0.3618, 0.3773
Android (android.graphics.Color)	4293250980 (0xFFE5CFA4)
YUV	208.6760, -22.0253, 17.8241
Hunter-Lab	79.9775, -3.0867, 23.1906

Details

The XYZ color **61.3268, 63.9640, 44.2360** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.0113, 48.6662, 81.0448**, and the grayscale version is **60.5213, 63.6731, 69.3400**.

A 20% lighter version of the original color is **89.7862, 97.8945, 81.1811**, and **31.5494, 32.8366, 20.0045** is the 20% darker color. If you saturate the color by 10%, you get **57.6111, 59.5493, 33.6968**, and if you desaturate by 10%, it is **65.5104, 68.7178, 56.7698**.

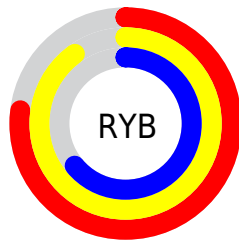
Distribution



Red (90%)

Green (81%)

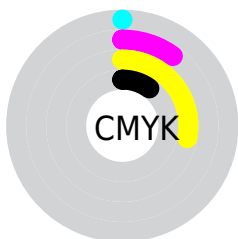
Blue (64%)



Red (77%)

Yellow (90%)

Blue (64%)

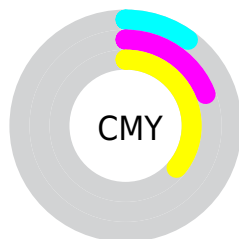


Cyan (0%)

Magenta (10%)

Yellow (28%)

Black (10%)



Cyan (10%)


Magenta (19%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.3268, 63.9640, 44.2360 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 61.3268, 63.9640, 44.2360 by changing the saturation by 10% instead.


 61.3268, 63.9640,
44.2360


 61.3268, 63.9640,
44.2360


419.2280,
439.0596, 379.7400

 44.7425, 46.6215,
30.5175


 105.8474,
110.5591, 82.8790

 31.4551, 32.7366,
19.9764


 134.5144,
140.5805, 108.6406

 21.0991, 21.9247,
12.1940

167.9397,
175.5970, 139.2537

 13.3094, 13.8016,
6.7518

206.4887,
215.9929, 175.1368

 7.7204, 7.9828,
3.2313

250.5266,
262.1528, 216.7084

 3.9668, 4.0839,
1.2139

300.4189,

 1.6834, 1.7206,

314.4609, 264.3871

0.0000

356.5309,
373.3018, 318.5915

■ 0.4458, 0.4370,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.3268, 63.9640,
44.2360

■ 61.3268, 63.9640,
44.2360

■ 57.6111, 59.5493,
33.6968

■ 65.5104, 68.7178,
56.7698

■ 54.3369, 55.4543,
25.0424

■ 70.1767, 73.8120,
71.3919

■ 51.4829, 51.6705,
18.1585

■ 75.3459, 79.2588,
88.1951

■ 49.0233, 48.1856,
12.9168

■ 80.9384, 85.0283,
106.7539

■ 46.9290, 44.9856,
9.1712

■ 83.2433, 89.6383,
107.5223

■ 45.1661, 42.0546,
6.7498

■ 85.6466, 94.4449,
108.3234

■ 43.6859, 39.3709,
5.4031

■ 86.1232, 95.3981,
108.4822

■ 43.4620, 38.9557,
5.2285

Harmonies

Analogous

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



66.5485, 63.9640, 47.7915



61.3268, 63.9640, 44.2360



56.2509, 63.9640, 46.6216

Triad

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



61.3268, 63.9640, 44.2360



52.1101, 63.9640, 83.8728



69.8146, 63.9640, 86.8805

Complementary

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



61.3268, 63.9640, 44.2360



47.0113, 48.6662, 81.0448

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.



65.5793, 63.9640, 99.2229



61.3268, 63.9640, 44.2360



55.3847, 63.9640, 97.3156

Square

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



61.3268, 63.9640, 44.2360



51.1171, 63.9640, 68.1407



60.2680, 63.9640, 103.2938



71.6252, 63.9640, 71.1731

Rectangle

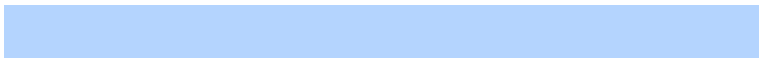
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.3268, 63.9640, 44.2360



53.5940, 63.9640, 51.4843



60.2680, 63.9640, 103.2938



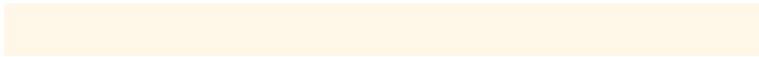
68.6156, 63.9640, 91.6435

Sweetspot

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



61.3285, 63.9669, 44.2373



89.1450, 93.7538, 89.7790



54.5321, 46.7869, 53.0309



18.8870, 19.8585, 18.6010



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.



61.3285, 63.9669, 44.2373



75.4404, 78.3073, 48.3312



64.0093, 73.8182, 45.9975



15.1693, 15.9526, 15.1841



24.9650, 22.5042, 3.0279



1.9299, 1.8332, 0.2521

Inverse Universe

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



47.0113, 48.6662, 81.0448



54.3739, 55.8007, 102.5126



44.8190, 41.1789, 79.7152



13.9794, 14.6803, 18.2411



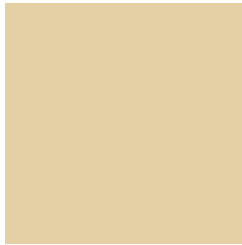
9.7232, 6.5085, 43.1270



0.8020, 0.6480, 3.2148

Previews

White Background



This preview shows how the XYZ color 61.3268, 63.9640, 44.2360 looks on a white background.

Color Contrast Check

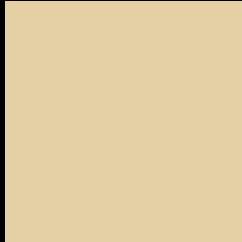
Large Text (above 18pt) WCAG AA × Fail

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 61.3268, 63.9640, 44.2360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

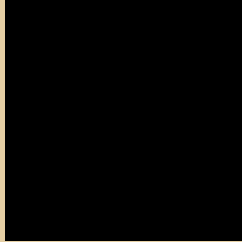
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.3268, 63.9640, 44.2360

Background



This preview shows how black text looks on a background with the XYZ color 61.3268, 63.9640, 44.2360.



This preview shows how white text looks on a background with the XYZ color 61.3268, 63.9640,

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

61.3268, 63.9640, 44.2360

Protanopia

60.0234, 64.0055, 44.7880

Deuteranopia

65.3344, 63.9024, 44.4882



Tritanopia

67.3099, 63.9286, 73.7576

Trichromacy



Original Color

61.3268, 63.9640, 44.2360

Protanomaly

60.3987, 63.8359, 44.7355

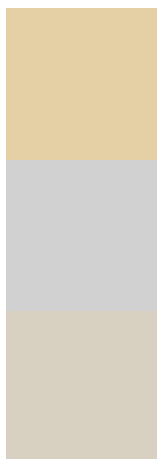
Deuteranomaly

63.7441, 63.7792, 44.5483

Tritanomaly

65.0383, 64.0667, 61.7616

Monochromacy



Original Color

61.3268, 63.9640, 44.2360

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.5004, 63.5609, 59.5318

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3268, 63.9640, 44.2360 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(229, 207, 164)` looks like.

```
.text, #text, p{  
    color:rgb(229, 207, 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(229, 207, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 207, 164) }
```

Border

The CSS property to change the border of an element to XYZ 61.3268, 63.9640, 44.2360 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(229, 207, 164) }
```


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

```
.border{ border-color:rgb(229, 207, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 207, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 207, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 207, 164);  
box-shadow:4px 4px 4px 4px rgb(229, 207,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3268, 63.9640, 44.2360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 207, 164) }
```

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

```
.background{ background-color: rgb(229,  
207, 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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