

Converting Colors

XYZ(66.1865, 69.5296, 44.1399)

Have a look what the booklet for
XYZ(66.1865, 69.5296, 44.1399)
contains.

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Color

**XYZ(66.0819, 69.3867,
44.0925)**

Conversions

Conversions Part 1

Format	Color
Hex	EED7A2
RGB	238, 215, 162
RGB Percent	93%, 84%, 64%
CMY	0.0667, 0.1568, 0.3647
CMYK	0.00, 0.10, 0.32, 0.07
HSL	42°, 69%, 78%
HSV	42°, 32%, 93%
XYZ	66.0819, 69.3867, 44.0925
YIQ	215.8350, 30.7210, -11.6070

Conversions

Conversions Part 2

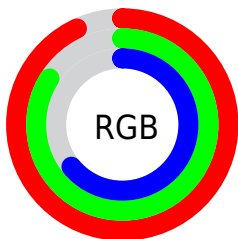
Format	Color
R_{YB}	195, 238, 162
Decimal	15652770
CIE _{Lab}	86.70, 0.29, 29.09
CIE _{LCh}	87, 29.095, 89.419
Yxy	69.3867, 0.3680, 0.3864
Android (android.graphics.Color)	4293842850 (0xFFEED7A2)
YUV	215.8350, -26.5407, 19.4387
Hunter-Lab	83.2987, -4.1664, 26.9251

Details

The XYZ color **66.0819, 69.3867, 44.0925** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.6814, 48.5508, 87.7471**, and the grayscale version is **65.3198, 68.7215, 74.8377**.

A 20% lighter version of the original color is **89.5244, 97.7898, 79.8025**, and **34.4413, 36.0912, 19.9029** is the 20% darker color. If you saturate the color by 10%, you get **62.3704, 65.0348, 33.3872**, and if you desaturate by 10%, it is **70.2781, 74.0665, 56.9363**.

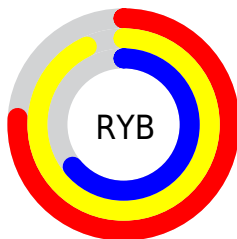
Distribution



Red (93%)

Green (84%)

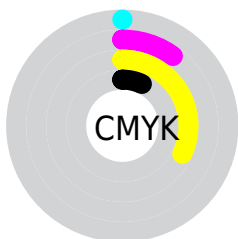
Blue (64%)



Red (76%)

Yellow (93%)

Blue (64%)

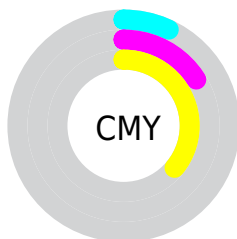


Cyan (0%)

Magenta (10%)

Yellow (32%)

Black (7%)



Cyan (7%)


Magenta (16%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.0819, 69.3867, 44.0925 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 66.0819, 69.3867, 44.0925 by changing the saturation by 10% instead.


 66.0819, 69.3867,
44.0925


 66.0819, 69.3867,
44.0925

436.1537,
458.3937, 379.1380

 48.6068, 51.0267,
30.4055


 112.6610,
118.3337, 82.6609

 34.5210, 36.2299,
19.8919

 142.4957,
149.6896, 108.3793

 23.4589, 24.6118,
12.1332


177.1809,
186.1461, 138.9454

 15.0553, 15.7881,
6.7108

217.0822,
228.0878, 174.7775

 8.9447, 9.3743,
3.2062

262.5647,
275.8990, 216.2943

 4.7620, 4.9861,
1.2009

313.9939,

 2.1416, 2.2391,

329.9641, 263.9143

0.0000

371.7352,
390.6675, 318.0560

■ 0.7117, 0.7412,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.0819, 69.3867,
44.0925

■ 66.0819, 69.3867,
44.0925

■ 62.3704, 65.0348,
33.3872

■ 70.2781, 74.0665,
56.9363

■ 59.1146, 60.9903,
24.6964

■ 74.9755, 79.0751,
72.0245

■ 56.2904, 57.2442,
17.8902

■ 80.1964, 84.4254,
89.4611

■ 53.8687, 53.7833,
12.8211

■ 85.6033, 89.9840,
107.4646

■ 51.8164, 50.5925,
9.3200

■ 87.8104, 94.3981,
108.2003

■ 50.0938, 47.6542,
7.1831

■ 89.0699, 96.9171,
108.6201

■ 48.8945, 45.4464,
6.1950

Harmonies

Analogous

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



72.7898, 69.3867, 47.8086



66.0819, 69.3867, 44.0925



59.7662, 69.3867, 47.5309

Triad

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



66.0819, 69.3867, 44.0925



55.2586, 69.3867, 95.3607



77.7912, 69.3867, 96.1265

Complementary

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



66.0819, 69.3867, 44.0925



47.6814, 48.5508, 87.7471

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.



72.5462, 69.3867, 112.8567



66.0819, 69.3867, 44.0925



59.5527, 69.3867, 112.3640

Square

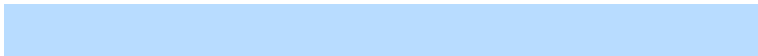
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.0819, 69.3867, 44.0925



53.7821, 69.3867, 75.1734



65.8182, 69.3867, 119.2470



79.8272, 69.3867, 75.9285

Rectangle

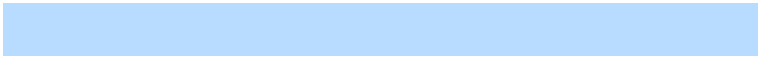
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.0819, 69.3867, 44.0925



56.5580, 69.3867, 53.8199



65.8182, 69.3867, 119.2470



76.3280, 69.3867, 102.4604

Sweetspot

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



66.0837, 69.3899, 44.0939



88.8007, 93.6410, 87.8895



57.0507, 47.5666, 52.6667



18.8298, 19.8587, 18.2284



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.



66.0837, 69.3899, 44.0939



74.5302, 77.9521, 43.5110



67.8575, 79.6158, 45.9742



16.6958, 17.6046, 16.6678



27.3972, 25.5925, 3.4959



2.3662, 2.3030, 0.3198

Inverse Universe

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



47.6814, 48.5508, 87.7471



50.0293, 50.2175, 101.6639



46.2431, 41.2369, 86.4112



15.2872, 16.0085, 20.0058



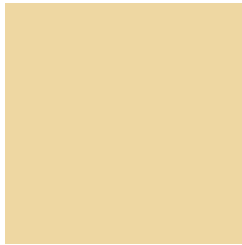
10.0023, 6.2288, 45.8030



0.9163, 0.6866, 3.8384

Previews

White Background



This preview shows how the XYZ color 66.0819, 69.3867, 44.0925 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 66.0819, 69.3867, 44.0925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

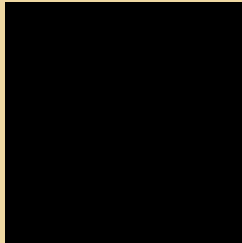
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

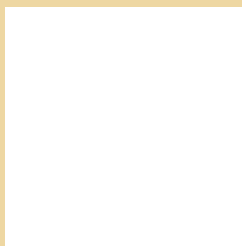
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.0819, 69.3867, 44.0925

Background



This preview shows how black text looks on a background with the XYZ color 66.0819, 69.3867, 44.0925.



This preview shows how white text looks on a background with the XYZ color 66.0819, 69.3867,

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

66.0819, 69.3867, 44.0925

Protanopia

65.0280, 69.5937, 44.6559

Deuteranopia

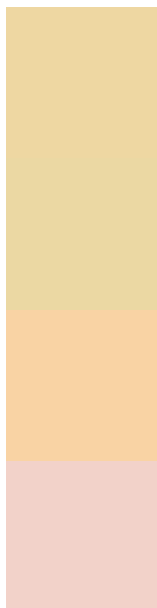
70.5874, 69.0884, 45.2123



Tritanopia

73.2883, 69.3658, 79.3383

Trichromacy



Original Color

66.0819, 69.3867, 44.0925

Protanomaly

65.4277, 69.4182, 44.6010

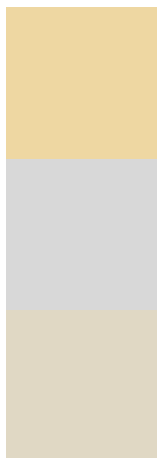
Deuteranomaly

69.0620, 69.4086, 44.8792

Tritanomaly

70.2072, 69.1875, 64.9125

Monochromacy



Original Color

66.0819, 69.3867, 44.0925

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.2601, 68.9445, 62.0926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0819, 69.3867, 44.0925 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(238, 215, 162)` looks like.

```
.text, #text, p{  
    color:rgb(238, 215, 162)  
}
```

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(238, 215, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 215, 162) }
```

Border

The CSS property to change the border of an element to XYZ 66.0819, 69.3867, 44.0925 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(238, 215, 162) }
```


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

```
.border{ border-color:rgb(238, 215, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 215, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 215, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 215, 162);  
box-shadow:4px 4px 4px 4px rgb(238, 215,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0819, 69.3867, 44.0925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 215, 162) }
```

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

```
.background{ background-color: rgb(238,  
215, 162) }
```

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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