

Converting Colors

XYZ(66.7485, 74.4943, 42.3133)

Have a look what the booklet for
XYZ(66.7485, 74.4943, 42.3133)
contains.

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Color

**XYZ(66.7485, 74.4943,
42.3133)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E39C
RGB	232, 227, 156
RGB Percent	91%, 89%, 61%
CMY	0.0902, 0.1098, 0.3882
CMYK	0.00, 0.02, 0.33, 0.09
HSL	56°, 62%, 76%
HSV	56°, 33%, 91%
XYZ	66.7485, 74.4943, 42.3133
YIQ	220.4010, 25.7710, -21.0210

Conversions

Conversions Part 2

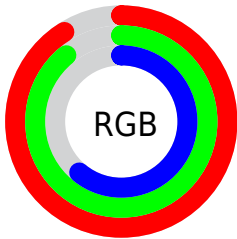
Format	Color
RYB	161, 232, 156
Decimal	15262620
CIELab	89.16, -8.83, 35.35
CIELCh	89, 36.438, 104.017
Yxy	74.4943, 0.3636, 0.4058
Android (android.graphics.Color)	4293452700 (0xFFE8E39C)
YUV	220.4010, -31.7497, 10.1723
Hunter-Lab	86.3101, -12.9984, 31.3503

Details

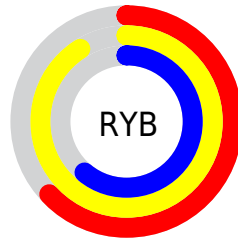
The XYZ color **66.7485, 74.4943, 42.3133** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.0204, 38.3827, 81.5904**, and the grayscale version is **68.5117, 72.0796, 78.4947**.

A 20% lighter version of the original color is **88.7579, 97.4831, 75.7661**, and **34.9304, 39.6185, 18.9028** is the 20% darker color. If you saturate the color by 10%, you get **64.5543, 72.9550, 32.7981**, and if you desaturate by 10%, it is **69.3254, 76.1978, 53.8090**.

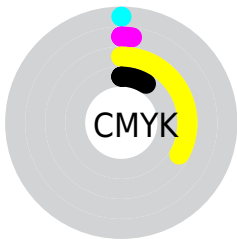
Distribution



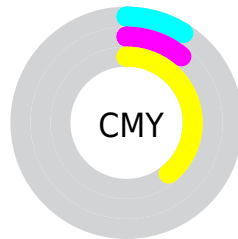
- Red (91%)
- Green (89%)
- Blue (61%)



- Red (63%)
- Yellow (91%)
- Blue (61%)



- Cyan (0%)
- Magenta (2%)
- Yellow (33%)
- Black (9%)



- Cyan (9%)
- Magenta (11%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.7485, 74.4943, 42.3133 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 66.7485, 74.4943, 42.3133 by changing the saturation by 10% instead.

66.7485, 74.4943,
42.3133

66.7485, 74.4943,
42.3133

438.4956,
476.1776, 371.6179

49.1502, 55.1987,
29.0193

113.6118,
125.5963, 79.9488

34.9537, 39.5608,
18.8497

143.6074,
158.1714, 105.1273

23.7935, 27.1963,
11.3860

178.4663,
195.9419, 135.1045

15.3044, 17.7207,
6.2097

218.5537,
239.2920, 170.2987

9.1210, 10.7497,
2.9022

264.2349,
288.6063, 211.1287

4.8780, 5.8988,
1.0449

315.8754,

2.2099, 2.7836,

344.2691, 258.0128

0.0000

373.8405,
406.6647, 311.3697

■ 0.7479, 1.0198,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.7485, 74.4943,
42.3133

■ 66.7485, 74.4943,
42.3133

■ 64.5543, 72.9550,
32.7981

■ 69.3254, 76.1978,
53.8090

■ 62.7157, 71.5612,
25.1458

■ 72.2992, 78.0634,
67.3843

■ 61.2110, 70.3069,
19.2337

■ 75.6900, 80.1017,
83.1376

■ 60.0138, 69.1814,
14.9226

■ 79.5151, 82.3197,
101.1593

■ 59.0935, 68.1725,
12.0517

■ 80.9307, 83.5799,
106.4748

■ 58.4133, 67.2655,
10.4271

■ 81.3682, 84.4548,
106.6206

■ 58.0285, 66.6554,
9.8074

■ 81.8094, 85.3371,
106.7676

■ 82.2543, 86.2270,
106.9160

■ 82.7030, 87.1245,
107.0655

Harmonies

Analogous

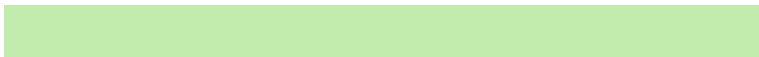
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.6114, 74.4943, 42.5953



66.7485, 74.4943, 42.3133



59.5892, 74.4943, 50.7803

Triad

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



66.7485, 74.4943, 42.3133



59.2207, 74.4943, 120.0617



88.5223, 74.4943, 95.3368

Complementary

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



66.7485, 74.4943, 42.3133



41.0204, 38.3827, 81.5904

Split Complementary

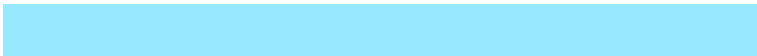
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.3458, 74.4943, 121.6093



66.7485, 74.4943, 42.3133



66.2059, 74.4943, 137.7957

Square

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



66.7485, 74.4943, 42.3133



55.4953, 74.4943, 93.5431



75.0218, 74.4943, 138.4149



88.6984, 74.4943, 69.8334

Rectangle

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



66.7485, 74.4943, 42.3133



56.5368, 74.4943, 61.5171



75.0218, 74.4943, 138.4149



87.2911, 74.4943, 104.4792

Sweetspot

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



66.7504, 74.4977, 42.3149



90.6806, 97.4007, 88.5161



51.6066, 43.5091, 39.4281



19.2871, 20.7734, 18.3808



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.



66.7504, 74.4977, 42.3149



80.9133, 91.0663, 44.5660



58.4286, 72.2649, 42.3225



15.5163, 16.6464, 15.2997



32.2518, 37.0778, 5.4569



2.4079, 2.7891, 0.4114

Inverse Universe

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



41.0204, 38.3827, 81.5904



44.6087, 40.1137, 99.9993



47.4244, 40.4143, 81.6451



13.6585, 14.0384, 18.1341



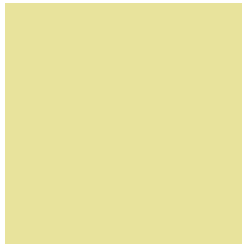
8.2144, 3.4909, 42.6240



0.6339, 0.3118, 3.1587

Previews

White Background



This preview shows how the XYZ color 66.7485, 74.4943, 42.3133 looks on a white background.

Color Contrast Check

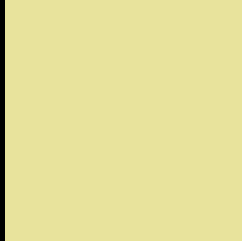
Large Text (above 18pt) WCAG AA × Fail

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 66.7485, 74.4943, 42.3133 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

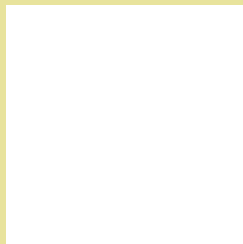
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.7485, 74.4943, 42.3133

Background



This preview shows how black text looks on a background with the XYZ color 66.7485, 74.4943, 42.3133.



This preview shows how white text looks on a background with the XYZ color 66.7485, 74.4943,

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

66.7485, 74.4943, 42.3133

Protanopia

69.1900, 74.5551, 41.7542

Deuteranopia

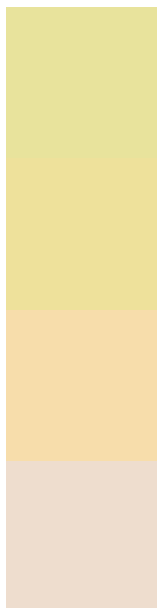
74.2911, 74.1810, 53.5828



Tritanopia

75.9398, 74.2670, 88.1744

Trichromacy



Original Color

66.7485, 74.4943, 42.3133

Protanomaly

68.1015, 74.3941, 41.7805

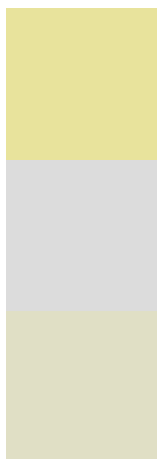
Deuteranomaly

71.5649, 74.4273, 49.1221

Tritanomaly

72.2569, 74.3463, 68.9344

Monochromacy



Original Color

66.7485, 74.4943, 42.3133

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.2062, 72.6539, 63.3048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7485, 74.4943, 42.3133 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(232, 227, 156)` looks like.

```
.text, #text, p{  
    color:rgb(232, 227, 156)  
}
```

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(232, 227, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 227, 156) }
```

Border

The CSS property to change the border of an element to XYZ 66.7485, 74.4943, 42.3133 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(232, 227, 156) }
```


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

```
.border{ border-color:rgb(232, 227, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 227, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 227, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 227, 156); box-shadow:4px 4px 4px 4px rgb(232, 227, 156) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7485, 74.4943, 42.3133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 227, 156) }
```

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

```
.background{ background-color: rgb(232,  
227, 156) }
```

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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