

Converting Colors

XYZ(67.4265, 74.1641, 55.8439)

Have a look what the booklet for
XYZ(67.4265, 74.1641, 55.8439)
contains.

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Color

**XYZ(67.5266, 74.1843,
56.1074)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E2B8
RGB	227, 226, 184
RGB Percent	89%, 89%, 72%
CMY	0.1098, 0.1137, 0.2784
CMYK	0.00, 0.00, 0.19, 0.11
HSL	59°, 43%, 81%
HSV	59°, 19%, 89%
XYZ	67.5266, 74.1843, 56.1074
YIQ	221.5110, 14.0780, -12.8500

Conversions

Conversions Part 2

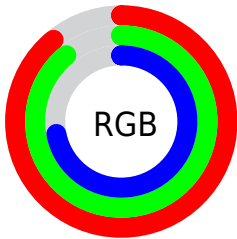
Format	Color
R _Y B	185, 227, 184
Decimal	14934712
CIE Lab	89.01, -6.48, 20.71
CIE LCh	89, 21.697, 107.366
Yxy	74.1843, 0.3414, 0.3750
Android (android.graphics.Color)	4293124792 (0xFFE3E2B8)
YUV	221.5110, -18.4929, 4.8139
Hunter-Lab	86.1303, -10.7831, 21.6683

Details

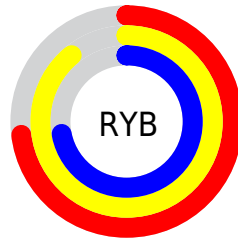
The XYZ color **67.5266, 74.1843, 56.1074** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.9811, 50.4332, 79.7209**, and the grayscale version is **69.2072, 72.8114, 79.2916**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **35.4542, 39.4224, 27.2134** is the 20% darker color. If you saturate the color by 10%, you get **65.1937, 73.0255, 44.5172**, and if you desaturate by 10%, it is **70.2457, 75.5033, 69.7119**.

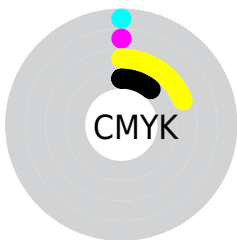
Distribution



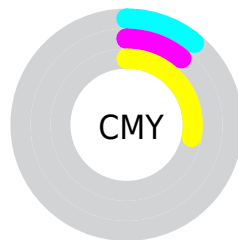
- Red (89%)
- Green (89%)
- Blue (72%)



- Red (73%)
- Yellow (89%)
- Blue (72%)



- Cyan (0%)
- Magenta (0%)
- Yellow (19%)
- Black (11%)



- Cyan (11%)
- Magenta (11%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.5266, 74.1843, 56.1074 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 67.5266, 74.1843, 56.1074 by changing the saturation by 10% instead.

67.5266, 74.1843,
56.1074

67.5266, 74.1843,
56.1074

441.2200,
475.1092, 427.4958

49.7850, 54.9449,
39.8845

114.7203,
125.1570, 100.6490

35.4597, 39.3576,
27.1354

144.9031,
157.6591, 129.8046

24.1853, 27.0380,
17.4416

179.9636,
195.3510, 164.1083

15.5966, 17.6018,
10.3846

220.2672,
238.6169, 203.9786

9.3282, 10.6645,
5.5457

266.1793,
287.8412, 249.8339

5.0147, 5.8417,
2.5066

318.0652,

2.2907, 2.7491,

343.4085, 302.0929

0.8437

376.2903,
405.7030, 361.1740

■ 0.7899, 1.0022,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.5266, 74.1843,
56.1074

■ 67.5266, 74.1843,
56.1074

■ 65.1937, 73.0255,
44.5172

■ 70.2457, 75.5033,
69.7119

■ 63.2230, 72.0098,
34.8409

■ 73.3622, 76.9794,
85.4153

■ 61.5969, 71.1326,
26.9765

■ 76.8939, 78.6223,
103.3032

■ 60.2937, 70.3853,
20.8108

■ 77.5013, 79.0962,
105.7901

■ 59.2895, 69.7583,
16.2176

■ 77.6461, 79.3858,
105.8383

■ 58.5571, 69.2407,
13.0534

■ 77.7913, 79.6762,
105.8867

■ 58.0643, 68.8196,
11.1487

■ 77.9369, 79.9675,
105.9353

■ 57.7613, 68.4752,
10.2417

■ 78.0830, 80.2597,
105.9840

■ 57.7335, 68.4405,
10.1675

■ 78.2296, 80.5527,
106.0328

Harmonies

Analogous

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



72.7511, 74.1843, 55.6221



67.5266, 74.1843, 56.1074



63.3102, 74.1843, 62.6585

Triad

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



67.5266, 74.1843, 56.1074



63.8627, 74.1843, 104.0772



80.8742, 74.1843, 87.2937

Complementary

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



67.5266, 74.1843, 56.1074



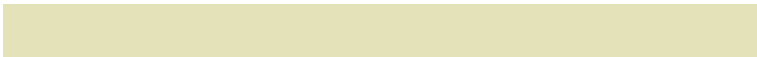
50.9811, 50.4332, 79.7209

Split Complementary

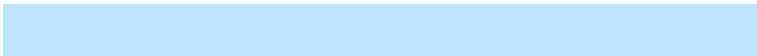
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.2359, 74.1843, 102.0827



67.5266, 74.1843, 56.1074



68.3153, 74.1843, 112.5532

Square

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



67.5266, 74.1843, 56.1074



61.2684, 74.1843, 89.7553



73.5799, 74.1843, 111.7808



80.6370, 74.1843, 72.4129

Rectangle

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



67.5266, 74.1843, 56.1074



61.5591, 74.1843, 70.1059



73.5799, 74.1843, 111.7808



80.2889, 74.1843, 92.4731

Sweetspot

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



67.5286, 74.1876, 56.1090



92.5708, 98.8278, 96.4013



57.6226, 54.1340, 53.5521



19.7587, 21.1269, 20.3557



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.



67.5286, 74.1876, 56.1090



86.5724, 95.9189, 66.3850



61.8350, 71.6551, 55.9203



15.5715, 16.7570, 15.3182



33.6828, 39.9398, 5.9339



2.4982, 2.9697, 0.4415

Inverse Universe

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



50.9811, 50.4332, 79.7209



61.0332, 59.2570, 102.8287



55.9265, 52.6748, 79.8930



13.6094, 13.9403, 18.1178



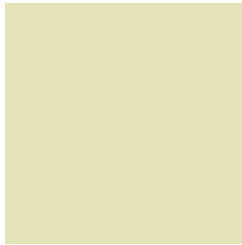
8.1310, 3.3241, 42.5962



0.6103, 0.2646, 3.1509

Previews

White Background



This preview shows how the XYZ color 67.5266, 74.1843, 56.1074 looks on a white background.

Color Contrast Check

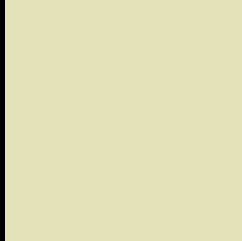
Large Text (above 18pt) WCAG AA × Fail

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 67.5266, 74.1843, 56.1074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

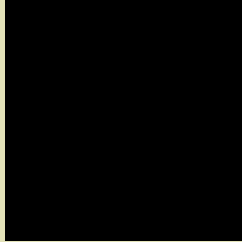
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

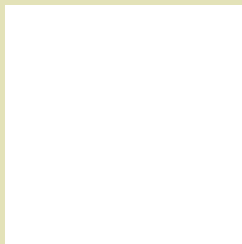
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.5266, 74.1843, 56.1074

Background



This preview shows how black text looks on a background with the XYZ color 67.5266, 74.1843, 56.1074.



This preview shows how white text looks on a background with the XYZ color 67.5266, 74.1843,

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

67.5266, 74.1843, 56.1074

Protanopia

69.8600, 74.1988, 55.4395

Deuteranopia

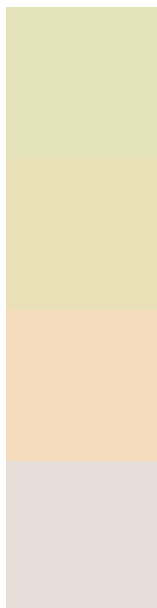
75.0901, 74.0894, 59.0582



Tritanopia

74.4035, 74.2116, 89.7597

Trichromacy



Original Color

67.5266, 74.1843, 56.1074

Protanomaly

68.8072, 74.0538, 55.4670

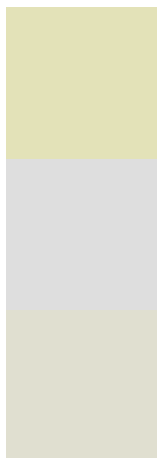
Deuteranomaly

72.3265, 74.2297, 58.0927

Tritanomaly

71.6007, 74.2412, 76.2019

Monochromacy



Original Color

67.5266, 74.1843, 56.1074

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

68.5133, 73.1767, 70.1880

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5266, 74.1843, 56.1074 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(227, 226, 184)` looks like.

```
.text, #text, p{  
    color:rgb(227, 226, 184)  
}
```

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(227, 226, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 226, 184) }
```

Border

The CSS property to change the border of an element to XYZ 67.5266, 74.1843, 56.1074 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(227, 226, 184) }
```


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

```
.border{ border-color:rgb(227, 226, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 226, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 226, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 226, 184); box-shadow:4px 4px 4px 4px rgb(227, 226, 184) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5266, 74.1843, 56.1074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 226, 184) }
```

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

```
.background{ background-color: rgb(227,  
226, 184) }
```

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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