

Converting Colors

XYZ(66.4981, 73.9403, 50.2356)

Have a look what the booklet for
XYZ(66.4981, 73.9403, 50.2356)
contains.

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Color

**XYZ(66.4177, 73.7407,
50.2680)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E2AD
RGB	227, 226, 173
RGB Percent	89%, 89%, 68%
CMY	0.1098, 0.1137, 0.3216
CMYK	0.00, 0.00, 0.24, 0.11
HSL	59°, 49%, 78%
HSV	59°, 24%, 89%
XYZ	66.4177, 73.7407, 50.2680
YIQ	220.2570, 17.6090, -16.2710

Conversions

Conversions Part 2

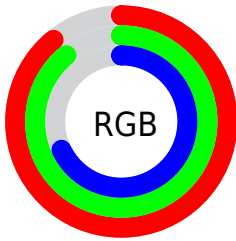
Format	Color
RYB	174, 227, 173
Decimal	14934701
CIELab	88.80, -8.03, 26.11
CIELCh	89, 27.320, 107.088
Yxy	73.7407, 0.3488, 0.3872
Android (android.graphics.Color)	4293124781 (0xFFE3E2AD)
YUV	220.2570, -23.2977, 5.9136
Hunter-Lab	85.8724, -12.2165, 25.4035

Details

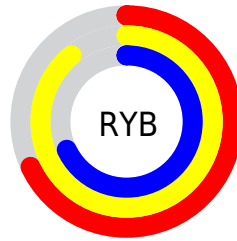
The XYZ color **66.4177, 73.7407, 50.2680** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.2346, 44.7014, 78.8647**, and the grayscale version is **68.3576, 71.9175, 78.3182**.

A 20% lighter version of the original color is **91.1429, 98.4371, 88.3253**, and **34.7477, 39.1398, 23.4926** is the 20% darker color. If you saturate the color by 10%, you get **64.2924, 72.7114, 39.6280**, and if you desaturate by 10%, it is **68.9203, 74.9264, 62.8767**.

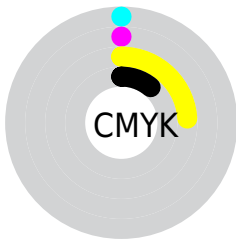
Distribution



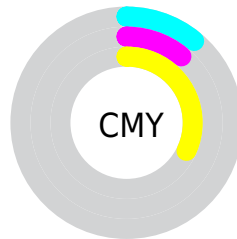
- Red (89%)
- Green (89%)
- Blue (68%)



- Red (68%)
- Yellow (89%)
- Blue (68%)



- Cyan (0%)
- Magenta (0%)
- Yellow (24%)
- Black (11%)



- Cyan (11%)
- Magenta (11%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.4177, 73.7407, 50.2680 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 66.4177, 73.7407, 50.2680 by changing the saturation by 10% instead.

■ 66.4177, 73.7407,
50.2680

■ 66.4177, 73.7407,
50.2680

437.3344,
473.5780, 404.4781

■ 48.8805, 54.5818,
35.2537

■ 113.1400,
124.5282, 91.9722

■ 34.7389, 39.0670,
23.5733

143.0559,
156.9256, 119.4992

■ 23.6273, 26.8119,
14.8081

177.8287,
194.5046, 152.0343

■ 15.1807, 17.4320,
8.5397

217.8238,
237.6496, 189.9958

■ 9.0334, 10.5430,
4.3495

263.4066,
286.7451, 233.8024

■ 4.8203, 5.7604,
1.8190

314.9424,

■ 2.1759, 2.7000,

342.1754, 283.8726

0.4404

372.7965,
404.3249, 340.6250

■ 0.7300, 0.9772,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.4177, 73.7407,
50.2680

■ 66.4177, 73.7407,
50.2680

■ 64.2924, 72.7114,
39.6280

■ 68.9203, 74.9264,
62.8767

■ 62.5199, 71.8211,
30.8527


■ 71.8121, 76.2657,
77.5418


■ 61.0815, 71.0650,
23.8358


■ 75.1114, 77.7685,
94.3512


■ 59.9547, 70.4339,
18.4581


■ 77.3836, 78.8608,
105.7509


 59.1140, 69.9177,
14.5861


 77.4986, 79.0908,
105.7892


 58.5302, 69.5046,
12.0649


 77.6138, 79.3212,
105.8276

 58.1674, 69.1805,
10.7065

 77.7293, 79.5522,
105.8661

 58.0181, 69.0097,
10.2623

 77.8451, 79.7838,
105.9047

 77.9612, 80.0159,
105.9434

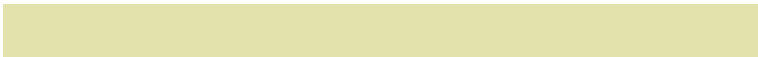
Harmonies

Analogous

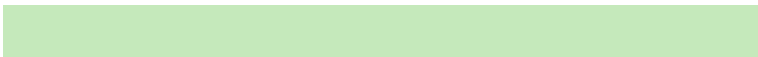
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.9685, 73.7407, 49.7670



66.4177, 73.7407, 50.2680



61.1811, 73.7407, 57.9591

Triad

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



66.4177, 73.7407, 50.2680



61.7815, 73.7407, 110.0275



83.2285, 73.7407, 88.7073

Complementary

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



66.4177, 73.7407, 50.2680



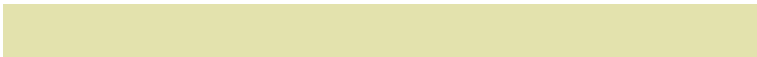
46.2346, 44.7014, 78.8647

Split Complementary

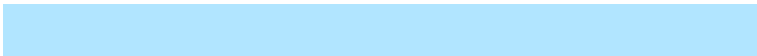
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.8206, 73.7407, 107.7287



66.4177, 73.7407, 50.2680



67.2849, 73.7407, 121.2784

Square

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



66.4177, 73.7407, 50.2680



58.6222, 73.7407, 91.4750



73.8918, 73.7407, 120.3764



82.9598, 73.7407, 70.0580

Rectangle

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



66.4177, 73.7407, 50.2680



59.0154, 73.7407, 66.9305



73.8918, 73.7407, 120.3764



82.4663, 73.7407, 95.3209

Sweetspot

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



66.4196, 73.7440, 50.2696



92.2032, 98.6936, 94.4259



54.3411, 49.3063, 47.1086



19.6854, 21.1014, 19.9577



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.



66.4196, 73.7440, 50.2696



84.9126, 95.2523, 57.6531



59.3156, 70.4844, 50.0148



15.5777, 16.7692, 15.3202



33.8464, 40.2669, 5.9884



2.5084, 2.9902, 0.4450

Inverse Universe

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



46.2346, 44.7014, 78.8647



53.9303, 50.6747, 101.5465



52.1509, 47.4672, 79.0867



13.6040, 13.9294, 18.1160



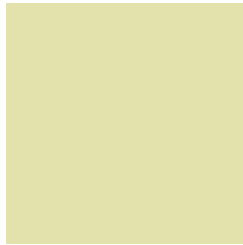
8.1219, 3.3058, 42.5932



0.6077, 0.2594, 3.1500

Previews

White Background



This preview shows how the XYZ color 66.4177, 73.7407, 50.2680 looks on a white background.

Color Contrast Check

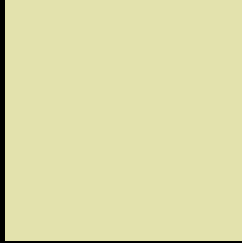
Large Text (above 18pt) WCAG AA × Fail

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 66.4177, 73.7407, 50.2680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

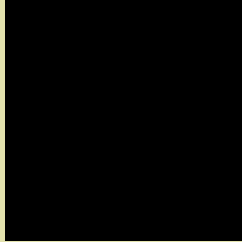
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.4177, 73.7407, 50.2680

Background



This preview shows how black text looks on a background with the XYZ color 66.4177, 73.7407, 50.2680.



This preview shows how white text looks on a background with the XYZ color 66.4177, 73.7407,

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

66.4177, 73.7407, 50.2680

Protanopia

68.9983, 73.8928, 49.1542

Deuteranopia

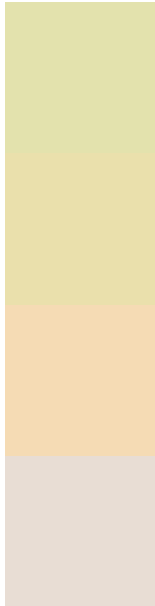
74.1922, 73.3216, 55.5895



Tritanopia

74.3277, 73.8031, 88.9252

Trichromacy



Original Color

66.4177, 73.7407, 50.2680

Protanomaly

68.0337, 73.7823, 49.6854

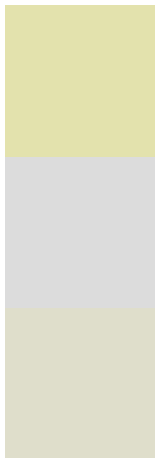
Deuteranomaly

71.2259, 73.3708, 53.5880

Tritanomaly

71.0188, 73.6222, 72.7548

Monochromacy



Original Color

66.4177, 73.7407, 50.2680

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.3322, 72.2423, 66.8953

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4177, 73.7407, 50.2680 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, 173)` looks like.

```
.text, #text, p{  
    color:rgb(227, 226, 173)  
}
```

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, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 226, 173) }
```

Border

The CSS property to change the border of an element to XYZ 66.4177, 73.7407, 50.2680 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, 173) }
```


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

```
.border{ border-color:rgb(227, 226, 173) }
```

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, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 226, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 226, 173);  
box-shadow:4px 4px 4px 4px rgb(227, 226,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4177, 73.7407, 50.2680 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, 173) }
```

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

```
.background{ background-color: rgb(227,  
226, 173) }
```

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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