

Converting Colors

XYZ(66.3984, 72.7374, 40.6771)

Have a look what the booklet for
XYZ(66.3984, 72.7374, 40.6771)
contains.

XYZ(66.3984, 72.7374, 40.6771)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(66.3984, 72.7374,
40.6771)**

Conversions

Conversions Part 1

Format	Color
Hex	EBDF99
RGB	235, 223, 153
RGB Percent	92%, 87%, 60%
CMY	0.0784, 0.1255, 0.4000
CMYK	0.00, 0.05, 0.35, 0.08
HSL	51°, 67%, 76%
HSV	51°, 35%, 92%
XYZ	66.3984, 72.7374, 40.6771
YIQ	218.6080, 29.6220, -19.2260

Conversions

Conversions Part 2

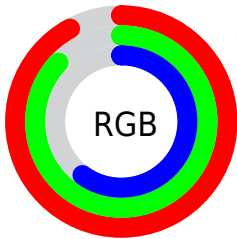
Format	Color
RYB	167, 235, 153
Decimal	15458201
CIELab	88.32, -6.01, 35.82
CIELCh	88, 36.324, 99.528
Yxy	72.7374, 0.3693, 0.4045
Android (android.graphics.Color)	4293648281 (0xFFEBDF99)
YUV	218.6080, -32.3447, 14.3758
Hunter-Lab	85.2862, -10.2822, 31.4221

Details

The XYZ color **66.3984, 72.7374, 40.6771** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.5872, 39.6796, 84.0644**, and the grayscale version is **67.2644, 70.7674, 77.0657**.

A 20% lighter version of the original color is **88.3852, 97.3341, 73.8035**, and **34.7117, 38.4098, 17.8963** is the 20% darker color. If you saturate the color by 10%, you get **63.7370, 70.2208, 31.1390**, and if you desaturate by 10%, it is **69.4644, 75.4509, 52.2376**.

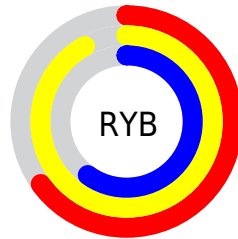
Distribution



Red (92%)

Green (87%)

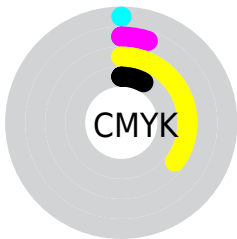
Blue (60%)



Red (65%)

Yellow (92%)

Blue (60%)

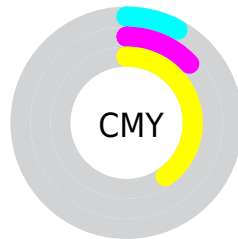


Cyan (0%)

Magenta (5%)

Yellow (35%)

Black (8%)



Cyan (8%)

Magenta (13%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.3984, 72.7374, 40.6771 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 66.3984, 72.7374, 40.6771 by changing the saturation by 10% instead.

66.3984, 72.7374,
40.6771

66.3984, 72.7374,
40.6771

437.2666,
470.1042, 364.6058

48.8648, 53.7613,
27.7491

113.1125,
123.1043, 77.4418

34.7263, 38.4108,
17.8992

143.0237,
155.2639, 102.1156

23.6177, 26.3017,
10.7089

177.7915,
192.5868, 131.5417

15.1734, 17.0495,
5.7598

217.7812,
235.4574, 166.1386

9.0283, 10.2698,
2.6332

263.3583,
284.2600, 206.3250

4.8169, 5.5782,
0.9095

314.8879,

2.1739, 2.5903,

339.3791, 252.5193

0.0000

372.7356,
401.1990, 305.1400

■ 0.7289, 0.9218,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.3984, 72.7374,
40.6771

■ 66.3984, 72.7374,
40.6771

■ 63.7370, 70.2208,
31.1390

■ 69.4644, 75.4509,
52.2376

■ 61.4521, 67.8818,
23.4999

■ 72.9503, 78.3598,
65.9250


■ 59.5204, 65.7136,
17.6301

■ 76.8772, 81.4753,
81.8420

■ 57.9139, 63.7047,
13.3818


■ 81.2634, 84.8048,
100.0834


 56.5996, 61.8419,
10.5830


 83.5280, 87.3162,
107.0591

 55.5375, 60.1090,
9.0229

 84.5507, 89.3615,
107.3999

 55.0605, 59.2612,
8.5366

 85.5926, 91.4454,
107.7473

 86.6539, 93.5680,
108.1010

 87.7347, 95.7296,
108.4613

Harmonies

Analogous

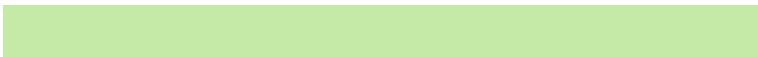
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.1616, 72.7374, 42.2151



66.3984, 72.7374, 40.6771



59.0104, 72.7374, 47.6547

Triad

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



66.3984, 72.7374, 40.6771



57.0005, 72.7374, 113.8304



86.0484, 72.7374, 97.1938

Complementary

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



66.3984, 72.7374, 40.6771



41.5872, 39.6796, 84.0644

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.



80.3555, 72.7374, 122.2723



66.3984, 72.7374, 40.6771



63.4389, 72.7374, 133.1914

Square

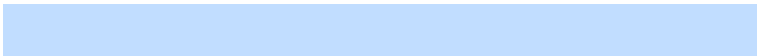
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.3984, 72.7374, 40.6771



53.8932, 72.7374, 87.4094



71.9452, 72.7374, 136.5692



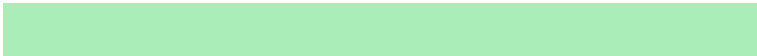
87.0089, 72.7374, 71.5189

Rectangle

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



66.3984, 72.7374, 40.6771



55.6768, 72.7374, 57.2728



71.9452, 72.7374, 136.5692



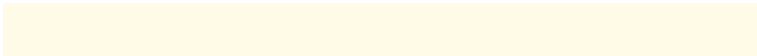
84.6033, 72.7374, 106.1085

Sweetspot

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



66.4002, 72.7407, 40.6786



90.0344, 96.1083, 88.3007



52.4716, 43.1730, 41.3092



19.1297, 20.4585, 18.3283



0.0000, 0.0000, 0.0000



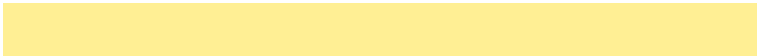
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.4002, 72.7407, 40.6786



77.5418, 85.3237, 40.3577



60.9955, 74.8817, 41.3767



16.1533, 17.2295, 15.9930



30.7172, 33.1286, 4.7755



2.4633, 2.7038, 0.3921

Inverse Universe

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



41.5872, 39.6796, 84.0644



43.4426, 39.9024, 100.0200



45.6080, 38.6901, 83.6615



14.4090, 14.9044, 19.0397



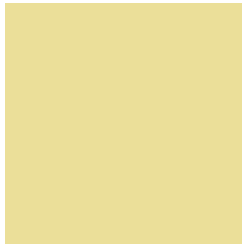
8.7258, 4.0986, 44.0742



0.7404, 0.4322, 3.4793

Previews

White Background



This preview shows how the XYZ color 66.3984, 72.7374, 40.6771 looks on a white background.

Color Contrast Check

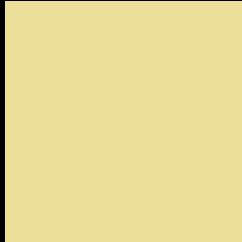
Large Text (above 18pt) WCAG AA × Fail

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 66.3984, 72.7374, 40.6771 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 66.3984, 72.7374, 40.6771

Background



This preview shows how black text looks on a background with the XYZ color 66.3984, 72.7374, 40.6771.



This preview shows how white text looks on a background with the XYZ color 66.3984, 72.7374,

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

66.3984, 72.7374, 40.6771

Protanopia

67.4591, 72.5052, 40.1452

Deuteranopia

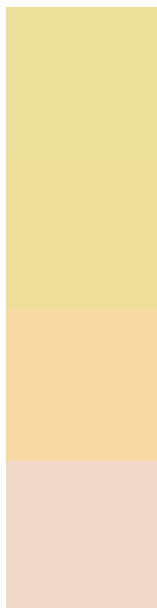
72.8294, 72.3703, 49.6655



Tritanopia

75.3854, 72.5348, 84.8903

Trichromacy



Original Color

66.3984, 72.7374, 40.6771

Protanomaly

67.0487, 72.6867, 40.2019

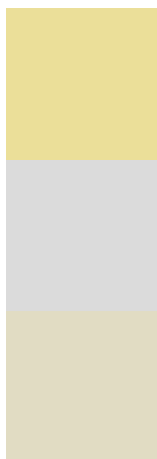
Deuteranomaly

70.4072, 72.3353, 46.3277

Tritanomaly

71.7492, 72.5907, 66.1069

Monochromacy



Original Color

66.3984, 72.7374, 40.6771

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.4949, 71.1341, 61.8554

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3984, 72.7374, 40.6771 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(235, 223, 153)` looks like.

```
.text, #text, p{  
    color:rgb(235, 223, 153)  
}
```

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(235, 223, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 223, 153) }
```

Border

The CSS property to change the border of an element to XYZ 66.3984, 72.7374, 40.6771 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(235, 223, 153) }
```


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

```
.border{ border-color:rgb(235, 223, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 223, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 223, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 223, 153);  
box-shadow:4px 4px 4px 4px rgb(235, 223,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3984, 72.7374, 40.6771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 223, 153) }
```

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

```
.background{ background-color: rgb(235,  
223, 153) }
```

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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