

Converting Colors

XYZ(74.3352, 80.8385, 66.1094)

Have a look what the booklet for
XYZ(74.3352, 80.8385, 66.1094)
contains.

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Color

**XYZ(74.4402, 80.8486,
66.3255)**

Conversions

Conversions Part 1

Format	Color
Hex	ECEAC8
RGB	236, 234, 200
RGB Percent	93%, 92%, 78%
CMY	0.0745, 0.0823, 0.2157
CMYK	0.00, 0.01, 0.15, 0.07
HSL	57°, 49%, 85%
HSV	57°, 15%, 93%
XYZ	74.4402, 80.8486, 66.3255
YIQ	230.7220, 12.1060, -10.1500

Conversions

Conversions Part 2

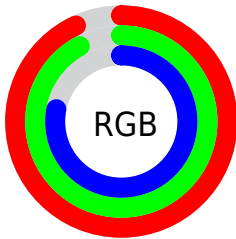
Format	Color
R _Y B	202, 236, 200
Decimal	15526600
CIE Lab	92.06, -4.91, 16.78
CIE LCh	92, 17.482, 106.308
Yxy	80.8486, 0.3359, 0.3648
Android (android.graphics.Color)	4293716680 (0xFFECEAC8)
YUV	230.7220, -15.1459, 4.6288
Hunter-Lab	89.9158, -9.5748, 19.2064

Details

The XYZ color **74.4402, 80.8486, 66.3255** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **60.0802, 60.5754, 87.8831**, and the grayscale version is **75.8535, 79.8038, 86.9063**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9311, 43.6194, 33.5089** is the 20% darker color. If you saturate the color by 10%, you get **71.5221, 79.0905, 52.7794**, and if you desaturate by 10%, it is **77.7912, 82.7897, 82.1183**.

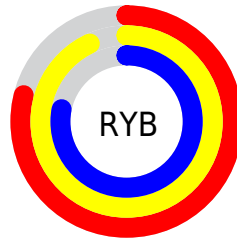
Distribution



Red (93%)

Green (92%)

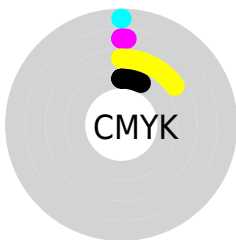
Blue (78%)



Red (79%)

Yellow (93%)

Blue (78%)

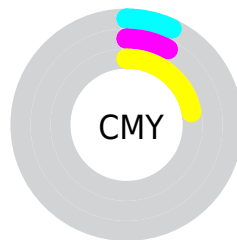


Cyan (0%)

Magenta (1%)

Yellow (15%)

Black (7%)



Cyan (7%)

Magenta (8%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4402, 80.8486, 66.3255 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 74.4402, 80.8486, 66.3255 by changing the saturation by 10% instead.

74.4402, 80.8486,
66.3255

74.4402, 80.8486,
66.3255

465.0181,
497.7881, 465.9760

55.4470, 60.4169,
48.0785

124.5118,
134.5582, 115.5848

39.9949, 43.7548,
33.5286

156.3208,
168.6048, 147.4343

27.7188, 30.4778,
22.2573

193.1325,
207.9586, 184.6550

18.2532, 20.2015,
13.8460

235.3122,
253.0039, 227.6655

11.2327, 12.5416,
7.8761

283.2253,
304.1251, 276.8843

6.2920, 7.1137,
3.9291

337.2370,

3.0658, 3.5333,

361.7066, 332.7299

1.5865

397.7129,
426.1328, 395.6210

■ 1.1886, 1.4161,
0.2812

■ 0.0974, 0.2285,
0.0000

■ 74.4402, 80.8486,
66.3255

■ 74.4402, 80.8486,
66.3255

■ 71.5221, 79.0905,
52.7794

■ 77.7912, 82.7897,
82.1183

■ 69.0110, 77.4968,
41.3723

■ 81.5868, 84.9103,
100.2485

■ 66.8879, 76.0627,
31.9954

■ 83.1963, 86.1610,
106.8536

■ 65.1301, 74.7792,
24.5284

■ 83.5784, 86.9251,
106.9809

63.7122, 73.6359,
18.8381

83.9632, 87.6947,
107.1092

62.6058, 72.6216,
14.7744

84.3507, 88.4698,
107.2384

61.7776, 71.7229,
12.1626

84.7411, 89.2506,
107.3685

61.1869, 70.9235,
10.7875

85.1343, 90.0369,
107.4995

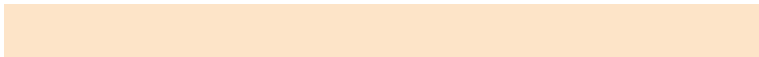
60.9592, 70.5667,
10.4078

85.5302, 90.8288,
107.6315

Harmonies

Analogous

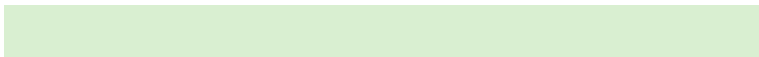
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.9105, 80.8486, 66.0834



74.4402, 80.8486, 66.3255



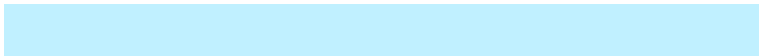
70.7564, 80.8486, 71.9987

Triad

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



74.4402, 80.8486, 66.3255



71.0210, 80.8486, 107.1902



85.5607, 80.8486, 94.0271

Complementary

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



74.4402, 80.8486, 66.3255



60.0802, 60.5754, 87.8831

Split Complementary

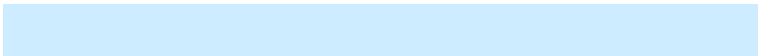
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.2715, 80.8486, 106.2809



74.4402, 80.8486, 66.3255



74.8143, 80.8486, 114.3668

Square

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



74.4402, 80.8486, 66.3255



68.8356, 80.8486, 95.1732



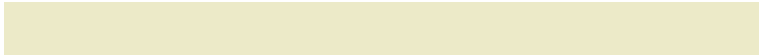
79.2993, 80.8486, 114.0186



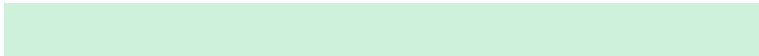
85.4510, 80.8486, 81.2542

Rectangle

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



74.4402, 80.8486, 66.3255



69.1904, 80.8486, 78.4441



79.2993, 80.8486, 114.0186



85.0425, 80.8486, 98.3674

Sweetspot

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



74.4424, 80.8522, 66.3272



92.8396, 98.7558, 98.3700



65.9554, 63.4258, 64.8930



19.8073, 21.1013, 20.7506



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

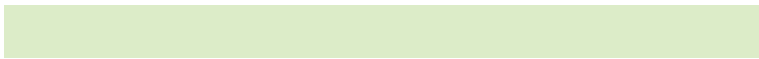
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.4424, 80.8522, 66.3272



87.7149, 95.7762, 74.2501



70.0580, 79.4399, 66.2857



16.2763, 17.4756, 16.0340



33.6338, 38.9619, 5.7477



2.6629, 3.1032, 0.4586

Inverse Universe

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



60.0802, 60.5754, 87.8831



67.8273, 67.6989, 104.1001



63.9964, 61.9039, 87.9332



14.2982, 14.6828, 19.0027



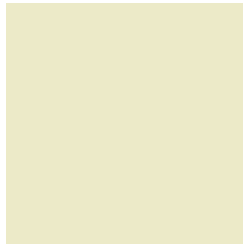
8.4545, 3.5561, 43.9837



0.6875, 0.3266, 3.4617

Previews

White Background



This preview shows how the XYZ color 74.4402, 80.8486, 66.3255 looks on a white background.

Color Contrast Check

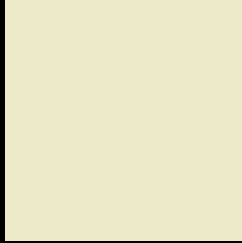
Large Text (above 18pt) WCAG AA × Fail

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 74.4402, 80.8486, 66.3255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

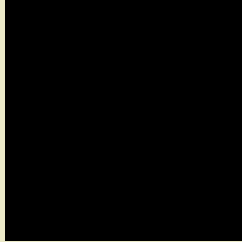
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

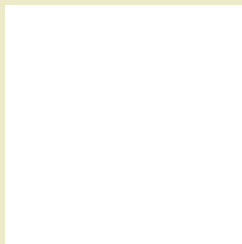
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.4402, 80.8486, 66.3255

Background



This preview shows how black text looks on a background with the XYZ color 74.4402, 80.8486, 66.3255.



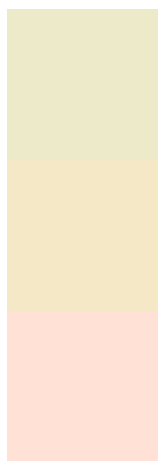
This preview shows how white text looks on a background with the XYZ color 74.4402, 80.8486, 66.3255.

66.3255.

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

74.4402, 80.8486, 66.3255

Protanopia

76.4736, 81.0698, 65.6503

Deuteranopia

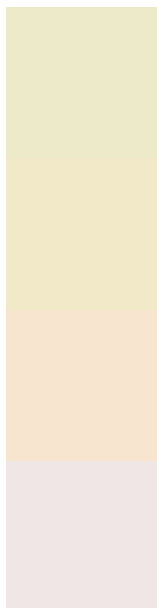
80.4466, 80.4568, 74.2405



Tritanopia

80.8428, 80.9566, 97.7515

Trichromacy



Original Color

74.4402, 80.8486, 66.3255

Protanomaly

75.7233, 81.1021, 65.6961

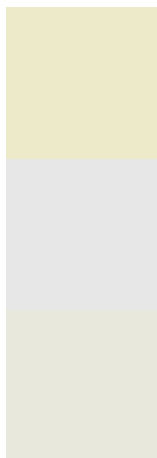
Deuteranomaly

78.1159, 80.5491, 71.1049

Tritanomaly

78.3749, 80.7760, 85.5893

Monochromacy



Original Color

74.4402, 80.8486, 66.3255

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.3792, 80.2042, 79.2182

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4402, 80.8486, 66.3255 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(236, 234, 200)` looks like.

```
.text, #text, p{  
    color:rgb(236, 234, 200)  
}
```

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(236, 234, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 234, 200) }
```

Border

The CSS property to change the border of an element to XYZ 74.4402, 80.8486, 66.3255 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(236, 234, 200) }
```


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

```
.border{ border-color:rgb(236, 234, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 234, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 234, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 234, 200);  
box-shadow:4px 4px 4px 4px rgb(236, 234,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4402, 80.8486, 66.3255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 234, 200) }
```

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

```
.background{ background-color: rgb(236,  
234, 200) }
```

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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