

Converting Colors

XYZ(75.2846, 81.5590, 44.3690)

Have a look what the booklet for
XYZ(75.2846, 81.5590, 44.3690)
contains.

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Color

**XYZ(75.4645, 81.8581,
44.6237)**

Conversions

Conversions Part 1

Format	Color
Hex	FBEA9F
RGB	251, 234, 159
RGB Percent	98%, 92%, 62%
CMY	0.0157, 0.0823, 0.3765
CMYK	0.00, 0.07, 0.37, 0.02
HSL	49°, 92%, 80%
HSV	49°, 37%, 98%
XYZ	75.4645, 81.8581, 44.6237
YIQ	230.5330, 34.2070, -19.7210

Conversions

Conversions Part 2

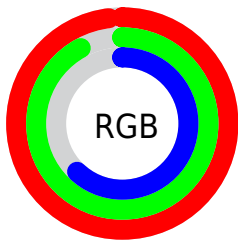
Format	Color
R _Y B	180, 251, 159
Decimal	16509599
CIE Lab	92.51, -4.74, 38.53
CIE LCh	93, 38.821, 97.006
Yxy	81.8581, 0.3737, 0.4053
Android (android.graphics.Color)	4294699679 (0xFFFBEA9F)
YUV	230.5330, -35.2658, 17.9496
Hunter-Lab	90.4755, -9.4474, 34.0902

Details

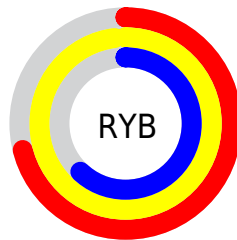
The XYZ color **75.4645, 81.8581, 44.6237** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **47.2357, 45.3853, 97.5374**, and the grayscale version is **75.8462, 79.7961, 86.8980**.

A 20% lighter version of the original color is **89.1376, 97.6350, 77.7657**, and **40.5666, 44.2398, 20.3110** is the 20% darker color. If you saturate the color by 10%, you get **72.2018, 78.4714, 33.8596**, and if you desaturate by 10%, it is **79.2082, 85.4983, 57.7318**.

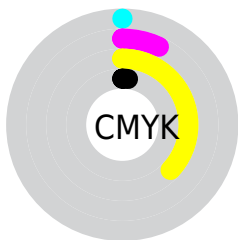
Distribution



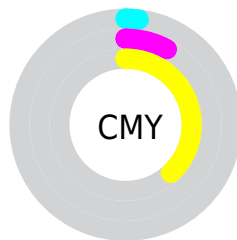
- Red (98%)
- Green (92%)
- Blue (62%)



- Red (71%)
- Yellow (98%)
- Blue (62%)



- Cyan (0%)
- Magenta (7%)
- Yellow (37%)
- Black (2%)





- Cyan (2%)
- Magenta (8%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.4645, 81.8581, 44.6237 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 75.4645, 81.8581, 44.6237 by changing the saturation by 10% instead.


 75.4645, 81.8581,
44.6237


 75.4645, 81.8581,
44.6237


468.4852,
501.1729, 381.3630

 56.2890, 61.2486,
30.8203


 125.9541,
135.9750, 83.4679

 40.6726, 44.4258,
20.2048


 157.9989,
170.2511, 109.3458

 28.2499, 31.0054,
12.3584


195.0641,
209.8516, 140.0857

 18.6555, 20.6030,
6.8628

237.5152,
255.1609, 176.1060

 11.5242, 12.8341,
3.2993

285.7176,
306.5632, 217.8254

 6.4904, 7.3144,
1.2494

340.0364,

 3.1890, 3.6595,

364.4431, 265.6623

0.0198

400.8372,
429.1848, 320.0353

■ 1.2545, 1.4850,
0.0000

■ 0.1487, 0.2781,
0.0000

■ 75.4645, 81.8581,
44.6237

■ 75.4645, 81.8581,
44.6237

■ 72.2018, 78.4714,
33.8596

■ 79.2082, 85.4983,
57.7318

■ 69.3866, 75.3157,
25.2926

■ 83.4516, 89.3912,
73.3089

■ 66.9910, 72.3822,
18.7669

■ 88.2199, 93.5501,
91.4772

■ 64.9808, 69.6569,
14.1041

■ 92.8177, 97.6973,
108.5732

■ 63.3160, 67.1233,
11.0950

■ 93.5937, 99.2492,
108.8318

■ 61.9463, 64.7609,
9.4765

■ 61.5280, 63.9980,
9.1100

Harmonies

Analogous

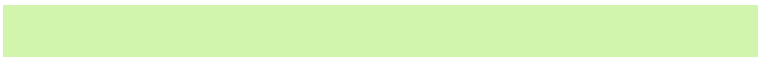
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.6194, 81.8581, 47.1897



75.4645, 81.8581, 44.6237



66.7159, 81.8581, 51.7587

Triad

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



75.4645, 81.8581, 44.6237



63.3357, 81.8581, 126.8692



97.0347, 81.8581, 112.6073

Complementary

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



75.4645, 81.8581, 44.6237



47.2357, 45.3853, 97.5374

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.



90.0565, 81.8581, 141.1840



75.4645, 81.8581, 44.6237



70.4786, 81.8581, 150.5812

Square

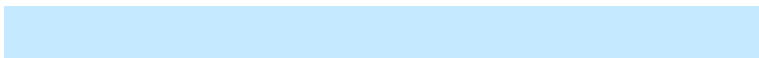
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.4645, 81.8581, 44.6237



60.1158, 81.8581, 96.0698



80.1907, 81.8581, 156.3182



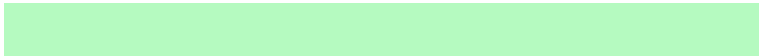
98.6596, 81.8581, 82.5319

Rectangle

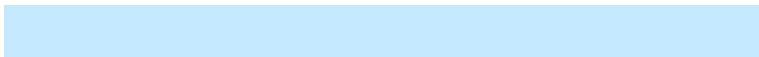
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.4645, 81.8581, 44.6237



62.6599, 81.8581, 62.2016



80.1907, 81.8581, 156.3182



95.2098, 81.8581, 122.8853

Sweetspot

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



75.4665, 81.8619, 44.6254



89.2275, 95.0619, 86.2829



60.1582, 48.4967, 47.9955



18.9549, 20.2220, 17.9215



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

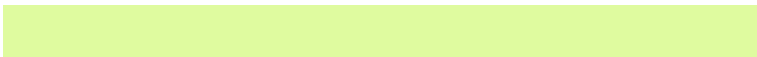
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.4665, 81.8619, 44.6254



75.6839, 82.2393, 37.7920



71.3104, 87.2493, 45.8843



18.4388, 19.6135, 18.2763



32.4418, 33.8402, 4.8219



3.0729, 3.2707, 0.4694

Inverse Universe

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



47.2357, 45.3853, 97.5374



42.5337, 39.4231, 99.9754



50.2073, 42.2768, 96.7808



16.5424, 17.1616, 21.8259



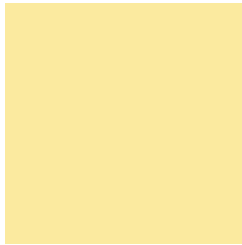
9.7496, 4.8547, 48.3967



0.9709, 0.5855, 4.5050

Previews

White Background



This preview shows how the XYZ color 75.4645, 81.8581, 44.6237 looks on a white background.

Color Contrast Check

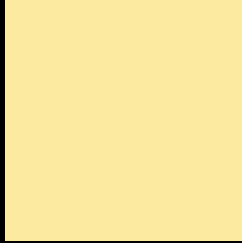
Large Text (above 18pt) WCAG AA × Fail

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 75.4645, 81.8581, 44.6237 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 75.4645, 81.8581, 44.6237

Background



This preview shows how black text looks on a background with the XYZ color 75.4645, 81.8581, 44.6237.



This preview shows how white text looks on a background with the XYZ color 75.4645, 81.8581,

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

75.4645, 81.8581, 44.6237

Protanopia

75.9049, 81.6637, 44.5629

Deuteranopia

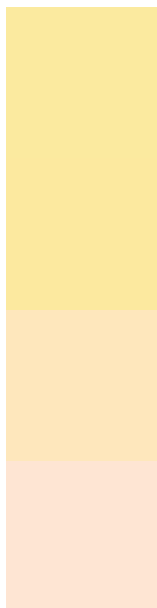
80.2788, 81.7064, 69.2974



Tritanopia

84.1645, 81.9440, 93.8189

Trichromacy



Original Color

75.4645, 81.8581, 44.6237

Protanomaly

75.5418, 81.4765, 44.5459

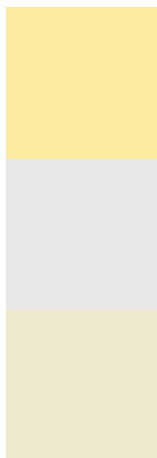
Deuteranomaly

78.5261, 81.8535, 59.2375

Tritanomaly

80.6502, 81.8126, 73.1687

Monochromacy



Original Color

75.4645, 81.8581, 44.6237

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.1360, 80.2981, 69.2966

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4645, 81.8581, 44.6237 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(251, 234, 159)` looks like.

```
.text, #text, p{  
    color:rgb(251, 234, 159)  
}
```

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(251, 234, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 234, 159) }
```

Border

The CSS property to change the border of an element to XYZ 75.4645, 81.8581, 44.6237 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(251, 234, 159) }
```


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

```
.border{ border-color:rgb(251, 234, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 234, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 234, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 234, 159);  
box-shadow:4px 4px 4px 4px rgb(251, 234,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4645, 81.8581, 44.6237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 234, 159) }
```

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

```
.background{ background-color: rgb(251,  
234, 159) }
```

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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