

Converting Colors

XYZ(77.9852, 84.5037, 61.4924)

Have a look what the booklet for
XYZ(77.9852, 84.5037, 61.4924)
contains.

XYZ(77.9845, 84.5035, 61.4908)	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(77.9845, 84.5035,
61.4908)**

Conversions

Conversions Part 1

Format	Color
Hex	F6EEBF
RGB	246, 238, 191
RGB Percent	96%, 93%, 75%
CMY	0.0353, 0.0666, 0.2510
CMYK	0.00, 0.03, 0.22, 0.04
HSL	51°, 75%, 86%
HSV	51°, 22%, 96%
XYZ	77.9845, 84.5035, 61.4908
YIQ	235.0340, 19.8550, -12.9210

Conversions

Conversions Part 2

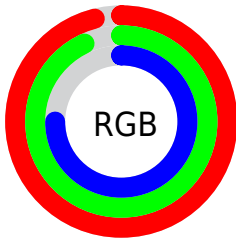
Format	Color
RYB	200, 246, 191
Decimal	16182975
CIELab	93.67, -4.62, 23.77
CIELCh	94, 24.214, 101.007
Yxy	84.5035, 0.3482, 0.3773
Android (android.graphics.Color)	4294373055 (0xFFFF6EEBF)
YUV	235.0340, -21.7088, 9.6172
Hunter-Lab	91.9258, -9.4411, 24.6879

Details

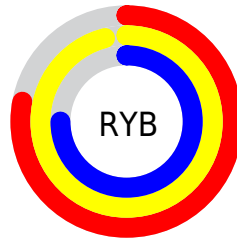
The XYZ color **77.9845, 84.5035, 61.4908** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **58.5435, 58.5755, 95.4097**, and the grayscale version is **79.1429, 83.2645, 90.6750**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **42.2296, 46.0809, 30.3357** is the 20% darker color. If you saturate the color by 10%, you get **74.4716, 81.4520, 48.0668**, and if you desaturate by 10%, it is **81.9773, 87.7859, 77.3200**.

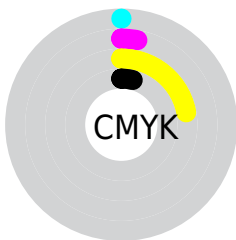
Distribution



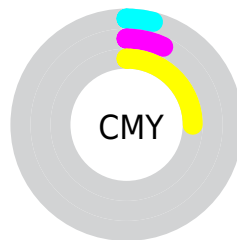
- Red (96%)
- Green (93%)
- Blue (75%)



- Red (78%)
- Yellow (96%)
- Blue (75%)



- Cyan (0%)
- Magenta (3%)
- Yellow (22%)
- Black (4%)



- Cyan (4%)
- Magenta (7%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.9845, 84.5035, 61.4908 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 77.9845, 84.5035, 61.4908 by changing the saturation by 10% instead.

77.9845, 84.5035,
61.4908

77.9845, 84.5035,
61.4908

476.9548,
509.9837, 448.0275

58.3640, 63.4312,
44.1883

129.4938,
139.6793, 108.5537

42.3457, 46.1901,
30.4803

162.1132,
174.5516, 139.1511

29.5644, 32.3959,
19.9483

199.7963,
214.7926, 175.0173

19.6546, 21.6641,
12.1737

242.9085,
260.7869, 216.5707

12.2510, 13.6103,
6.7381

291.8151,
312.9188, 264.2299

6.9883, 7.8501,
3.2229

346.8814,

3.5010, 3.9992,

371.5726, 318.4134

1.2096

408.4729,
437.1328, 379.5397

■ 1.4239, 1.6731,
0.0000

■ 0.2732, 0.4062,
0.0000

■ 77.9845, 84.5035,
61.4908

■ 77.9845, 84.5035,
61.4908

■ 74.4716, 81.4520,
48.0668

■ 81.9773, 87.7859,
77.3200

■ 71.4091, 78.6106,
36.9230

■ 86.4645, 91.2964,
95.6604

■ 68.7745, 75.9731,
27.9314

■ 89.8494, 94.3994,
108.0931

■ 66.5404, 73.5283,
20.9490

■ 90.9636, 96.6279,
108.4645

■ 64.6764, 71.2639,
15.8156

■ 91.8162, 98.3329,
108.7487

■ 63.1472, 69.1655,
12.3464

■ 61.9104, 67.2160,
10.3182

■ 61.1130, 65.8066,
9.4809

Harmonies

Analogous

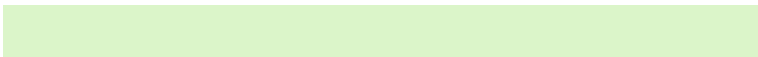
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.4024, 84.5035, 62.4700



77.9845, 84.5035, 61.4908



72.4886, 84.5035, 67.8297

Triad

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



77.9845, 84.5035, 61.4908



71.3593, 84.5035, 117.2071



92.5631, 84.5035, 104.0004

Complementary

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



77.9845, 84.5035, 61.4908



58.5435, 58.5755, 95.4097

Split Complementary

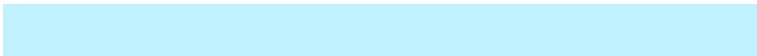
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.6919, 84.5035, 121.3458



77.9845, 84.5035, 61.4908



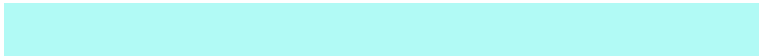
76.3677, 84.5035, 129.6444

Square

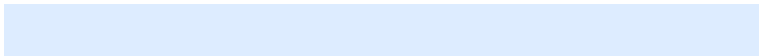
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.9845, 84.5035, 61.4908



68.8015, 84.5035, 98.9252



82.6977, 84.5035, 131.2525



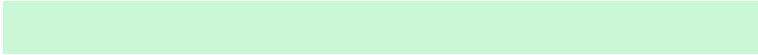
93.0530, 84.5035, 85.4247

Rectangle

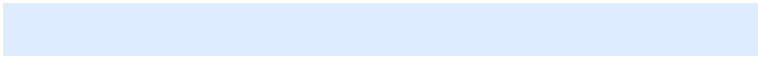
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.9845, 84.5035, 61.4908



69.9987, 84.5035, 75.9179



82.6977, 84.5035, 131.2525



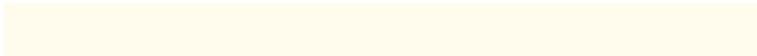
91.6048, 84.5035, 110.2290

Sweetspot

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



77.9867, 84.5073, 61.4926



91.4859, 97.2590, 94.1867



66.9755, 60.9906, 62.4286



19.5187, 20.7681, 19.9021



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.



77.9867, 84.5073, 61.4926



82.7690, 90.1119, 59.5690



73.9601, 85.9638, 61.9860



17.6974, 18.8789, 17.5088



32.7003, 35.2861, 5.0874



2.9289, 3.2111, 0.4654

Inverse Universe

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



58.5435, 58.5755, 95.4097



58.1116, 57.2288, 102.5912



61.9158, 57.6549, 95.0542



15.7755, 16.3153, 20.8603



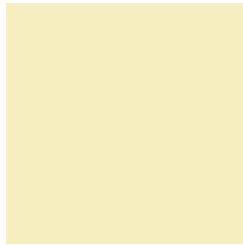
9.2721, 4.3380, 46.8867



0.8729, 0.4972, 4.1402

Previews

White Background



This preview shows how the XYZ color 77.9845, 84.5035, 61.4908 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 77.9845, 84.5035, 61.4908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

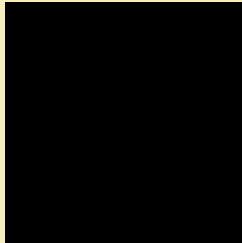
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

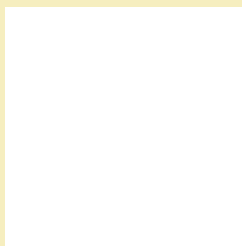
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.9845, 84.5035, 61.4908

Background



This preview shows how black text looks on a background with the XYZ color 77.9845, 84.5035, 61.4908.



This preview shows how white text looks on a background with the XYZ color 77.9845, 84.5035,

61.4908.

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

77.9845, 84.5035, 61.4908

Protanopia

79.0734, 84.2178, 60.8033

Deuteranopia

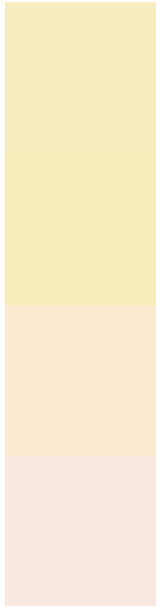
83.0338, 84.5998, 78.2827



Tritanopia

85.7481, 84.2536, 100.5501

Trichromacy



Original Color

77.9845, 84.5035, 61.4908

Protanomaly

78.6454, 84.4258, 60.8660

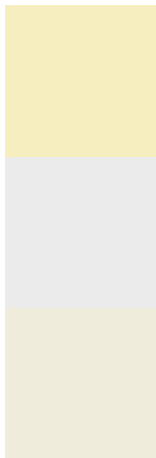
Deuteranomaly

81.2384, 84.6662, 71.7350

Tritanomaly

82.4284, 84.1479, 84.5708

Monochromacy



Original Color

77.9845, 84.5035, 61.4908

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.3782, 83.4561, 78.9955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.9845, 84.5035, 61.4908 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(246, 238, 191)` looks like.

```
.text, #text, p{  
    color:rgb(246, 238, 191)  
}
```

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(246, 238, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 238, 191) }
```

Border

The CSS property to change the border of an element to XYZ 77.9845, 84.5035, 61.4908 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(246, 238, 191) }
```


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

```
.border{ border-color:rgb(246, 238, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 238, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 238, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 238, 191);  
box-shadow:4px 4px 4px 4px rgb(246, 238,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 77.9845, 84.5035, 61.4908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 238, 191) }
```

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

```
.background{ background-color: rgb(246,  
238, 191) }
```

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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