

Converting Colors

XYZ(168.6377, 127.5061,
58.8424)

Have a look what the booklet for
XYZ(168.6377, 127.5061, 58.8424)
contains.

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Color

**XYZ(77.4975, 80.5939,
54.6516)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE5B4
RGB	255, 229, 180
RGB Percent	100%, 90%, 71%
CMY	0.0000, 0.1019, 0.2941
CMYK	0.00, 0.10, 0.29, 0.00
HSL	39°, 100%, 85%
HSV	39°, 29%, 100%
XYZ	77.4975, 80.5939, 54.6516
YIQ	231.1880, 31.2250, -9.7270

Conversions

Conversions Part 2

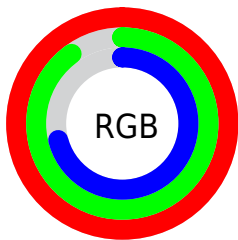
Format	Color
R_{YB}	220, 255, 180
Decimal	16770484
CIE _{Lab}	91.95, 1.81, 27.18
CIE _{LCh}	92, 27.238, 86.198
Yxy	80.5939, 0.3643, 0.3788
Android (android.graphics.Color)	4294960564 (0xFFFFE5B4)
YUV	231.1880, -25.2357, 20.8831
Hunter-Lab	89.7741, -3.0146, 26.7480

Details

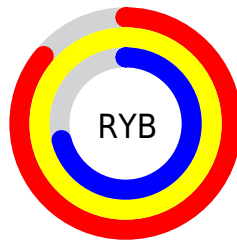
The XYZ color **77.4975, 80.5939, 54.6516** is a light color, and the websafe version is hex **FFFCC**, and the color name is **peach**. A complement of this color would be **58.9431, 61.0640, 103.2876**, and the grayscale version is **76.2631, 80.2347, 87.3756**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **41.9928, 43.6747, 26.2955** is the 20% darker color. If you saturate the color by 10%, you get **72.7521, 74.8847, 41.4112**, and if you desaturate by 10%, it is **82.8494, 86.7506, 70.4537**.

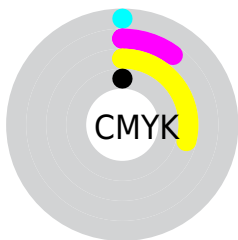
Distribution



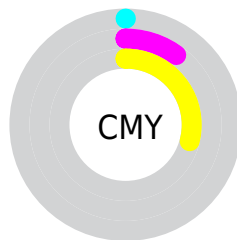
- Red (100%)
- Green (90%)
- Blue (71%)



- Red (86%)
- Yellow (100%)
- Blue (71%)



- Cyan (0%)
- Magenta (10%)
- Yellow (29%)
- Black (0%)




- Cyan (0%)
- Magenta (10%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.4975, 80.5939, 54.6516 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 77.4975, 80.5939, 54.6516 by changing the saturation by 10% instead.


 77.4975, 80.5939,
54.6516

 77.4975, 80.5939,
54.6516

475.3246,
496.9321, 421.8346

 57.9626, 60.2072,
38.7261


 128.8106,
134.2004, 98.4963

 42.0218, 43.5857,
26.2406


161.3196,
168.1890, 127.2527

 29.3095, 30.3449,
16.7763


198.8840,
207.4803, 161.1231

 19.4605, 20.1005,
9.9149

241.8691,
252.4588, 200.5260

 12.1095, 12.4681,
5.2377

290.6404,
303.5088, 245.8801

 6.8910, 7.0633,
2.3262

345.5632,

 3.4398, 3.5017,

361.0148, 297.6039

0.7458

407.0028,
425.3611, 356.1159

■ 1.3904, 1.3990,
0.0000

■ 0.2493, 0.2160,
0.0000

■ 77.4975, 80.5939,
54.6516

■ 77.4975, 80.5939,
54.6516

■ 72.7521, 74.8847,
41.4112

■ 82.8494, 86.7506,
70.4537

■ 68.5790, 69.5979,
30.5888

■ 88.8278, 93.3571,
88.9407

■ 64.9497, 64.7218,
22.0338

95.0500, 100.0000,
108.9000

■ 61.8301, 60.2399,
15.5768

■ 59.1817, 56.1336,
11.0240

■ 56.9589, 52.3812,
8.1456

■ 55.0926, 48.9521,
6.5881

■ 54.9891, 48.7582,
6.5130

Harmonies

Analogous

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



84.3322, 80.5939, 59.4743



77.4975, 80.5939, 54.6516



70.8154, 80.5939, 57.5250

Triad

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



77.4975, 80.5939, 54.6516



65.1546, 80.5939, 105.8841



88.3330, 80.5939, 110.9784

Complementary

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



77.4975, 80.5939, 54.6516



58.9431, 61.0640, 103.2876

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.



82.6958, 80.5939, 127.0595



77.4975, 80.5939, 54.6516



69.3594, 80.5939, 123.8181

Square

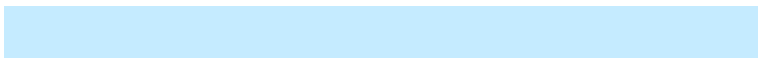
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.4975, 80.5939, 54.6516



63.9481, 80.5939, 85.2233



75.7136, 80.5939, 132.0811



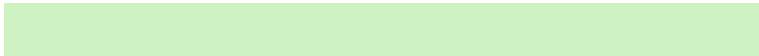
90.8240, 80.5939, 90.3324

Rectangle

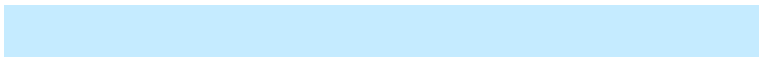
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.4975, 80.5939, 54.6516



67.2975, 80.5939, 63.6964



75.7136, 80.5939, 132.0811



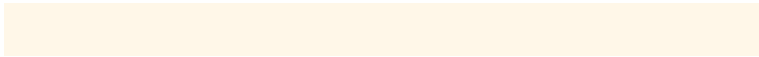
86.7271, 80.5939, 117.2120

Sweetspot

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



77.4995, 80.5975, 54.6533



89.0874, 93.6386, 89.7598



68.7328, 58.3718, 66.1969



18.8728, 19.8300, 18.5962



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

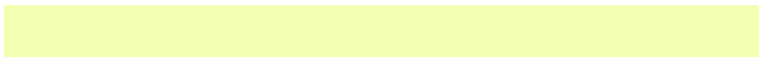
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.4995, 80.5975, 54.6533



74.7736, 77.3513, 46.9456



81.2200, 94.0038, 57.0449



19.0002, 19.9686, 18.9972



28.8779, 25.7671, 3.4515



2.9139, 2.7132, 0.3701

Inverse Universe

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



58.9431, 61.0640, 103.2876



53.6179, 55.0888, 102.4150



55.9209, 50.9723, 101.4990



17.5178, 18.4072, 22.8796



11.3964, 7.7025, 50.3206



1.2070, 0.9448, 4.9320

Previews

White Background



This preview shows how the XYZ color 77.4975, 80.5939, 54.6516 looks on a white background.

Color Contrast Check

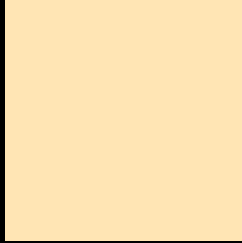
Large Text (above 18pt) WCAG AA × Fail

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 77.4975, 80.5939, 54.6516 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 77.4975, 80.5939, 54.6516

Background



This preview shows how black text looks on a background with the XYZ color 77.4975, 80.5939, 54.6516.



This preview shows how white text looks on a background with the XYZ color 77.4975, 80.5939,

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

77.4975, 80.5939, 54.6516

Protanopia

75.5549, 80.8236, 55.3344

Deuteranopia

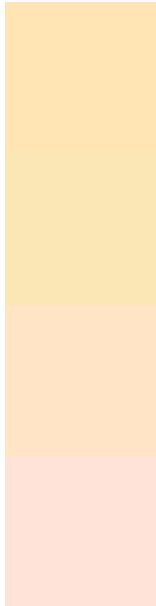
79.8497, 80.6544, 69.7518



Tritanopia

83.1817, 80.6857, 91.3105

Trichromacy



Original Color

77.4975, 80.5939, 54.6516

Protanomaly

76.3407, 80.8120, 55.2908

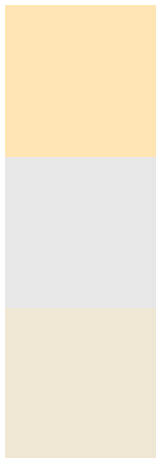
Deuteranomaly

79.0614, 80.7780, 64.2481

Tritanomaly

80.8310, 80.6106, 76.2649

Monochromacy



Original Color

77.4975, 80.5939, 54.6516

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.1157, 79.8724, 73.6925

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.4975, 80.5939, 54.6516 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(255, 229, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 180)  
}
```

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(255, 229, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 180) }
```

Border

The CSS property to change the border of an element to XYZ 77.4975, 80.5939, 54.6516 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(255, 229, 180) }
```


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

```
.border{ border-color:rgb(255, 229, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 229, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 77.4975, 80.5939, 54.6516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 229, 180) }
```

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

```
.background{ background-color: rgb(255,  
229, 180) }
```

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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