

Converting Colors

XYZ(163.0543, 124.6642,
58.3605)

Have a look what the booklet for
XYZ(163.0543, 124.6642, 58.3605)
contains.

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Color

**XYZ(77.3960, 80.5533,
54.1170)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE5B3
RGB	255, 229, 179
RGB Percent	100%, 90%, 70%
CMY	0.0000, 0.1019, 0.2980
CMYK	0.00, 0.10, 0.30, 0.00
HSL	39°, 100%, 85%
HSV	39°, 30%, 100%
XYZ	77.3960, 80.5533, 54.1170
YIQ	231.0740, 31.5460, -10.0380

Conversions

Conversions Part 2

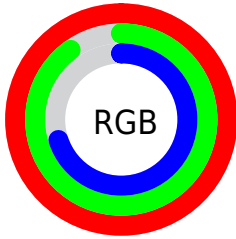
Format	Color
R_{YB}	219, 255, 179
Decimal	16770483
CIE Lab	91.93, 1.68, 27.67
CIE LCh	92, 27.717, 86.525
Yxy	80.5533, 0.3650, 0.3798
Android (android.graphics.Color)	4294960563 (0xFFFFE5B3)
YUV	231.0740, -25.6725, 20.9831
Hunter-Lab	89.7515, -3.1380, 27.0763

Details

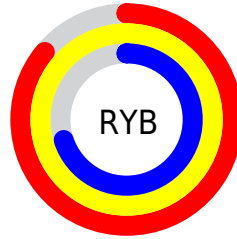
The XYZ color **77.3960, 80.5533, 54.1170** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **58.4712, 60.4645, 103.1968**, and the grayscale version is **76.1811, 80.1484, 87.2817**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **41.9279, 43.6488, 25.9539** is the 20% darker color. If you saturate the color by 10%, you get **72.6993, 74.9125, 40.9828**, and if you desaturate by 10%, it is **82.6949, 86.6347, 69.8067**.

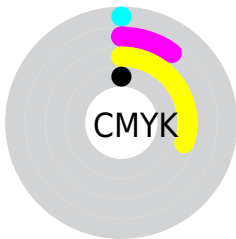
Distribution



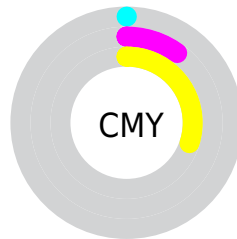
- Red (100%)
- Green (90%)
- Blue (70%)



- Red (86%)
- Yellow (100%)
- Blue (70%)



- Cyan (0%)
- Magenta (10%)
- Yellow (30%)
- Black (0%)





- Cyan (0%)
- Magenta (10%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.3960, 80.5533, 54.1170 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 77.3960, 80.5533, 54.1170 by changing the saturation by 10% instead.


 77.3960, 80.5533,
54.1170

 77.3960, 80.5533,
54.1170


474.9844,
496.7955, 419.7432

 57.8790, 60.1738,
38.3014


 128.6682,
134.1434, 97.7041

 41.9543, 43.5587,
25.9130


161.1541,
168.1227, 126.3128

 29.2564, 30.3237,
16.5334


198.6937,
207.4041, 160.0228

 19.4202, 20.0844,
9.7440

241.6524,
252.3719, 199.2528

 12.0801, 12.4564,
5.1262

290.3954,
303.4105, 244.4213

 6.8708, 7.0553,
2.2614

345.2882,

 3.4270, 3.4967,

360.9044, 295.9469

0.7095

406.6961,
425.2380, 354.2480

■ 1.3834, 1.3962,
0.0000

■ 0.2444, 0.2139,
0.0000

■ 77.3960, 80.5533,
54.1170

■ 77.3960, 80.5533,
54.1170

■ 72.6993, 74.9125,
40.9828

■ 82.6949, 86.6347,
69.8067

■ 68.5708, 69.6873,
30.2597

■ 88.6160, 93.1589,
88.1754

■ 64.9817, 64.8662,
21.7968

95.0500, 100.0000,
108.9000

■ 61.8980, 60.4326,
15.4238

■ 59.2809, 56.3680,
10.9460

■ 57.0847, 52.6510,
8.1314

■ 55.2369, 49.2494,
6.6092

■ 55.2025, 49.1849,
6.5842

Harmonies

Analogous

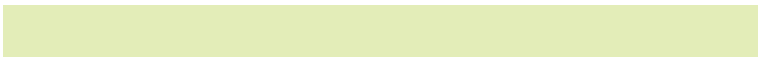
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.3624, 80.5533, 58.9114



77.3960, 80.5533, 54.1170



70.6133, 80.5533, 57.1081

Triad

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



77.3960, 80.5533, 54.1170



64.9604, 80.5533, 106.4013



88.5548, 80.5533, 111.1506

Complementary

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



77.3960, 80.5533, 54.1170



58.4712, 60.4645, 103.1968

Split Complementary

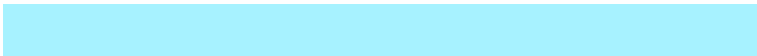
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.8389, 80.5533, 127.6561



77.3960, 80.5533, 54.1170



69.2607, 80.5533, 124.6293

Square

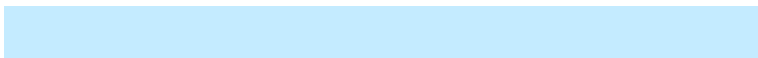
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.3960, 80.5533, 54.1170



63.7003, 80.5533, 85.3546



75.7370, 80.5533, 132.9327



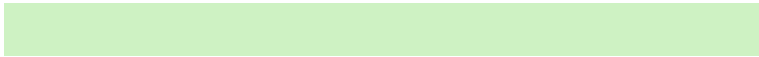
91.0514, 80.5533, 90.1060

Rectangle

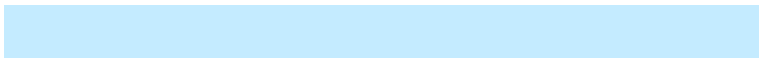
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.3960, 80.5533, 54.1170



67.0561, 80.5533, 63.4124



75.7370, 80.5533, 132.9327



86.9296, 80.5533, 117.5322

Sweetspot

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



77.3980, 80.5569, 54.1187



89.1194, 93.7026, 89.7705



68.4527, 57.9379, 65.7142



18.8807, 19.8458, 18.5989



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

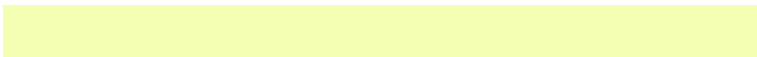
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.3980, 80.5569, 54.1187



74.4175, 77.0089, 45.6863



81.0666, 93.9364, 56.5078



19.0074, 19.9830, 18.9996



28.9888, 25.9888, 3.4885



2.9242, 2.7337, 0.3735

Inverse Universe

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



58.4712, 60.4645, 103.1968



52.6205, 53.8781, 102.2339



55.5062, 50.4600, 101.4220



17.5109, 18.3933, 22.8773



11.3456, 7.6008, 50.3037



1.2015, 0.9337, 4.9302

Previews

White Background



This preview shows how the XYZ color 77.3960, 80.5533, 54.1170 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 77.3960, 80.5533, 54.1170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

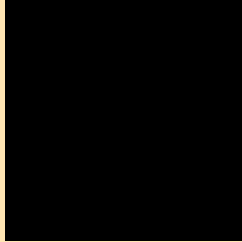
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.3960, 80.5533, 54.1170

Background



This preview shows how black text looks on a background with the XYZ color 77.3960, 80.5533, 54.1170.



This preview shows how white text looks on a background with the XYZ color 77.3960, 80.5533,

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

77.3960, 80.5533, 54.1170

Protanopia

75.4526, 80.7827, 54.7959

Deuteranopia

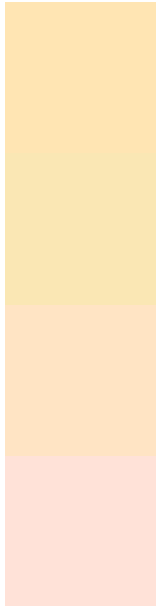
79.7285, 80.6059, 69.1140



Tritanopia

83.1817, 80.6857, 91.3105

Trichromacy



Original Color

77.3960, 80.5533, 54.1170

Protanomaly

76.2385, 80.7711, 54.7522

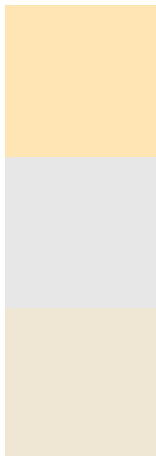
Deuteranomaly

78.9472, 80.7323, 63.6465

Tritanomaly

80.8310, 80.6106, 76.2649

Monochromacy



Original Color

77.3960, 80.5533, 54.1170

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 77.3960, 80.5533, 54.1170 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, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 179)  
}
```

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, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 179) }
```

Border

The CSS property to change the border of an element to XYZ 77.3960, 80.5533, 54.1170 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, 179) }
```


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

```
.border{ border-color:rgb(255, 229, 179) }
```

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, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 229, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 229, 179); box-shadow:4px 4px 4px 4px rgb(255, 229, 179) }
```

Background

The CSS property to change the background color of an element to XYZ 77.3960, 80.5533, 54.1170 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, 179) }
```

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

```
.background{ background-color: rgb(255,  
229, 179) }
```

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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