

Converting Colors

XYZ(78.8624, 83.5669, 54.3567)

Have a look what the booklet for
XYZ(78.8624, 83.5669, 54.3567)
contains.

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Color

**XYZ(78.7995, 83.3603,
54.5848)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEAB3
RGB	255, 234, 179
RGB Percent	100%, 92%, 70%
CMY	0.0000, 0.0823, 0.2980
CMYK	0.00, 0.08, 0.30, 0.00
HSL	43°, 100%, 85%
HSV	43°, 30%, 100%
XYZ	78.7995, 83.3603, 54.5848
YIQ	234.0090, 30.1710, -12.6530

Conversions

Conversions Part 2

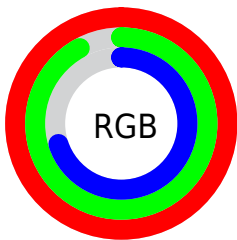
Format	Color
R _Y B	208, 255, 179
Decimal	16771763
CIE Lab	93.17, -0.86, 29.35
CIE LCh	93, 29.361, 91.672
Yxy	83.3603, 0.3636, 0.3846
Android (android.graphics.Color)	4294961843 (0xFFFEAB3)
YUV	234.0090, -27.1194, 18.4091
Hunter-Lab	91.3019, -5.7210, 28.4648

Details

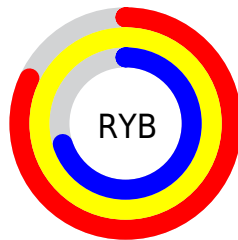
The XYZ color **78.7995, 83.3603, 54.5848** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **57.2942, 58.1105, 102.8045**, and the grayscale version is **78.3982, 82.4810, 89.8218**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **42.7122, 45.2175, 26.2153** is the 20% darker color. If you saturate the color by 10%, you get **74.4901, 78.4941, 41.5797**, and if you desaturate by 10%, it is **83.6697, 88.5843, 70.1316**.

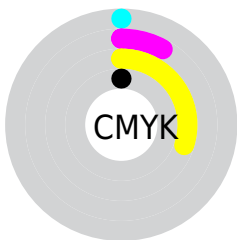
Distribution



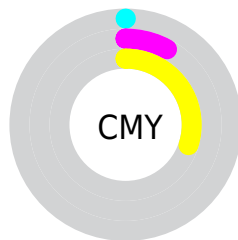
- Red (100%)
- Green (92%)
- Blue (70%)



- Red (82%)
- Yellow (100%)
- Blue (70%)



- Cyan (0%)
- Magenta (8%)
- Yellow (30%)
- Black (0%)



- Cyan (0%)
- Magenta (8%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.7995, 83.3603, 54.5848 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 78.7995, 83.3603, 54.5848 by changing the saturation by 10% instead.


 78.7995, 83.3603,
54.5848

 78.7995, 83.3603,
54.5848


479.6762,
506.1865, 421.5736

 59.0360, 62.4874,
38.6730


 130.6360,
138.0800, 98.3974

 42.8886, 45.4267,
26.1996


163.4397,
172.6956, 127.1353

 29.9919, 31.7936,
16.7459


201.3209,
212.6609, 160.9857

 19.9805, 21.2039,
9.8935

244.6449,
258.3602, 200.3671

 12.4890, 13.2731,
5.2237

293.7771,
310.1781, 245.6981

 7.1522, 7.6169,
2.3181

349.0828,

 3.6046, 3.8508,

368.4988, 297.3971

0.7413

410.9273,
433.7068, 355.8828

■ 1.4810, 1.5905,
0.0000

■ 0.3128, 0.3512,
0.0000

■ 78.7995, 83.3603,
54.5848

■ 78.7995, 83.3603,
54.5848

■ 74.4901, 78.4941,
41.5797

■ 83.6697, 88.5843,
70.1316

■ 70.7082, 73.9621,
30.9722

■ 89.1197, 94.1663,
88.3433

■ 67.4259, 69.7545,
22.6116

95.0500, 100.0000,
108.9000

■ 64.6100, 65.8567,
16.3279

■ 62.2229, 62.2519,
11.9266

■ 60.2195, 58.9206,
9.1763

■ 58.5285, 55.8327,
7.7064

■ 58.4969, 55.7737,
7.6823

Harmonies

Analogous

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



86.4793, 83.3603, 58.2761



78.7995, 83.3603, 54.5848



71.6968, 83.3603, 59.2033

Triad

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



78.7995, 83.3603, 54.5848



67.2679, 83.3603, 114.9429



93.0163, 83.3603, 112.4485

Complementary

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



78.7995, 83.3603, 54.5848



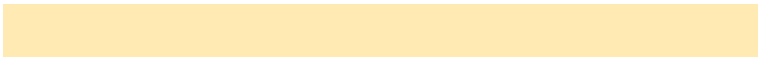
57.2942, 58.1105, 102.8045

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.



87.2763, 83.3603, 131.9247



78.7995, 83.3603, 54.5848



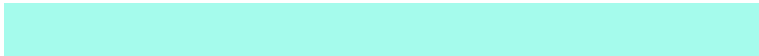
72.4003, 83.3603, 133.5214

Square

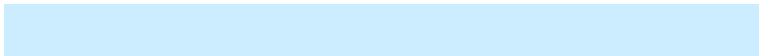
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.7995, 83.3603, 54.5848



65.3124, 83.3603, 92.0102



79.6650, 83.3603, 140.1850



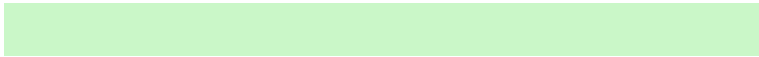
94.9997, 83.3603, 89.5315

Rectangle

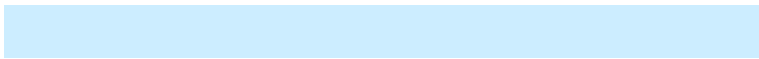
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.7995, 83.3603, 54.5848



68.1573, 83.3603, 66.8903



79.6650, 83.3603, 140.1850



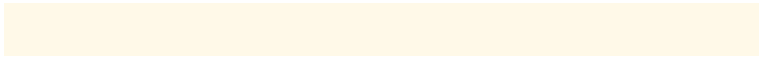
91.4446, 83.3603, 119.7363

Sweetspot

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



78.8015, 83.3641, 54.5865



89.5834, 94.6306, 89.9252



67.8485, 57.6962, 62.5324



18.9953, 20.0752, 18.6371



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.



78.8015, 83.3641, 54.5865



76.0659, 80.3057, 46.2358



79.3363, 93.0444, 56.4269



19.1121, 20.1923, 19.0345



30.6975, 29.4063, 4.0581



3.0806, 3.0466, 0.4257

Inverse Universe

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



57.2942, 58.1105, 102.8045



51.2981, 51.2333, 101.7931



56.7974, 51.1256, 101.4824



17.4114, 18.1943, 22.8441



10.6969, 6.3034, 50.0875



1.1284, 0.7874, 4.9058

Previews

White Background



This preview shows how the XYZ color 78.7995, 83.3603, 54.5848 looks on a white background.

Color Contrast Check

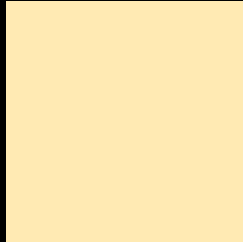
Large Text (above 18pt) WCAG AA × Fail

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 78.7995, 83.3603, 54.5848 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 78.7995, 83.3603, 54.5848

Background



This preview shows how black text looks on a background with the XYZ color 78.7995, 83.3603, 54.5848.



This preview shows how white text looks on a background with the XYZ color 78.7995, 83.3603,

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

78.7995, 83.3603, 54.5848

Protanopia

78.0914, 83.4074, 55.1634

Deuteranopia

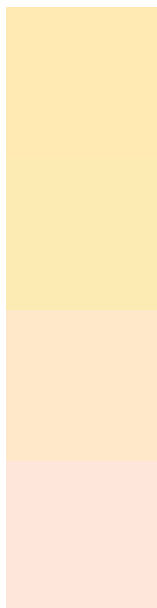
81.8262, 83.2159, 74.7004



Tritanopia

84.8606, 83.0977, 94.7859

Trichromacy



Original Color

78.7995, 83.3603, 54.5848

Protanomaly

78.4546, 83.5946, 55.1804

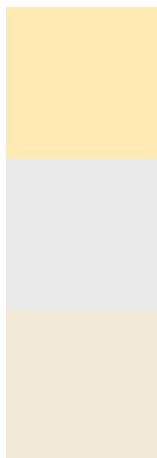
Deuteranomaly

80.6392, 83.1903, 67.0655

Tritanomaly

82.1917, 82.9156, 78.0020

Monochromacy



Original Color

78.7995, 83.3603, 54.5848

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.1784, 82.5779, 75.4370

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.7995, 83.3603, 54.5848 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, 234, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 234, 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, 234, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 234, 179) }
```

Border

The CSS property to change the border of an element to XYZ 78.7995, 83.3603, 54.5848 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, 234, 179) }
```


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

```
.border{ border-color:rgb(255, 234, 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, 234, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 234, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 234, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 234,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 78.7995, 83.3603, 54.5848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 234, 179) }
```

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

```
.background{ background-color: rgb(255,  
234, 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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