

Converting Colors

XYZ(79.0291, 84.5203, 53.7440)

Have a look what the booklet for
XYZ(79.0291, 84.5203, 53.7440)
contains.

XYZ(78.8043, 84.2361, 53.7007)	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(78.8043, 84.2361,
53.7007)**

Conversions

Conversions Part 1

Format	Color
Hex	FEECB1
RGB	254, 236, 177
RGB Percent	100%, 93%, 69%
CMY	0.0039, 0.0745, 0.3059
CMYK	0.00, 0.07, 0.30, 0.00
HSL	46°, 97%, 85%
HSV	46°, 30%, 100%
XYZ	78.8043, 84.2361, 53.7007
YIQ	234.6560, 29.6670, -14.5330

Conversions

Conversions Part 2

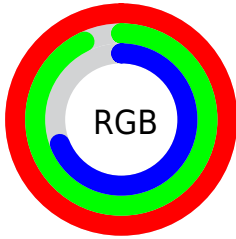
Format	Color
R _Y B	200, 254, 177
Decimal	16706737
CIE Lab	93.55, -2.49, 30.87
CIE LCh	94, 30.968, 94.611
Yxy	84.2361, 0.3636, 0.3886
Android (android.graphics.Color)	4294896817 (0xFFFE ECB1)
YUV	234.6560, -28.4244, 16.9647
Hunter-Lab	91.7802, -7.3518, 29.5555

Details

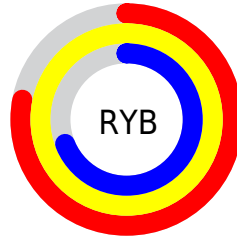
The XYZ color **78.8043, 84.2361, 53.7007** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **55.5355, 55.5314, 101.5576**, and the grayscale version is **78.8993, 83.0082, 90.3960**.

A 20% lighter version of the original color is **91.7080, 98.6632, 91.3012**, and **42.7243, 45.8335, 25.6637** is the 20% darker color. If you saturate the color by 10%, you get **74.8246, 79.9579, 41.0249**, and if you desaturate by 10%, it is **83.3164, 88.8241, 68.8806**.

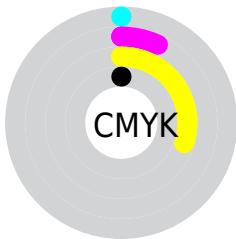
Distribution



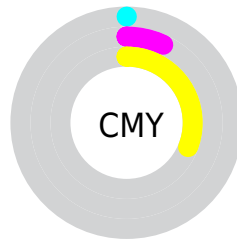
- Red (100%)
- Green (93%)
- Blue (69%)



- Red (78%)
- Yellow (100%)
- Blue (69%)



- Cyan (0%)
- Magenta (7%)
- Yellow (30%)
- Black (0%)





- Cyan (0%)
- Magenta (7%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.8043, 84.2361, 53.7007 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 78.8043, 84.2361, 53.7007 by changing the saturation by 10% instead.


 78.8043, 84.2361,
53.7007

 78.8043, 84.2361,
53.7007

479.6922,
509.0969, 418.1100

 59.0400, 63.2104,
37.9709


 130.6427,
139.3054, 97.0866

 42.8918, 46.0114,
25.6584


163.4475,
174.1178, 125.5798

 29.9944, 32.2548,
16.3448


201.3298,
214.2945, 159.1645

 19.9824, 21.5562,
9.6115

244.6551,
260.2199, 198.2593

 12.4904, 13.5312,
5.0399

293.7886,
312.2785, 243.2827

 7.1532, 7.7953,
2.2116

349.0957,

 3.6053, 3.9643,

370.8546, 294.6532

0.6810

410.9418,
436.3326, 352.7895

■ 1.4813, 1.6536,
0.0000

■ 0.3131, 0.3933,
0.0000

■ 78.8043, 84.2361,
53.7007

■ 78.8043, 84.2361,
53.7007

■ 74.8246, 79.9579,
41.0249

■ 83.3164, 88.8241,
68.8806

■ 71.3440, 75.9664,
30.7098

■ 88.3791, 93.7211,
86.6867

■ 68.3355, 72.2529,
22.6057

■ 94.0176, 98.9410,
107.2397

■ 65.7664, 68.8033,
16.5431

■ 94.6831, 99.8109,
108.8828

■ 63.5992, 65.6019,
12.3282

■ 61.7896, 62.6299,
9.7295

■ 60.3083, 59.9413,
8.3912

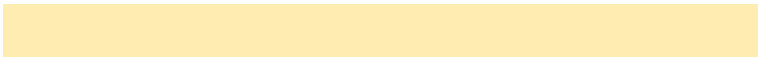
Harmonies

Analogous

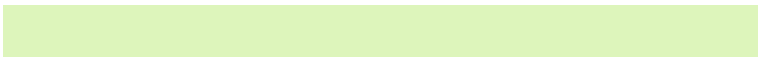
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.0094, 84.2361, 56.7022



78.8043, 84.2361, 53.7007



71.4460, 84.2361, 59.3748

Triad

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



78.8043, 84.2361, 53.7007



67.7868, 84.2361, 119.8027



95.1541, 84.2361, 112.4529

Complementary

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



78.8043, 84.2361, 53.7007



55.5355, 55.5314, 101.5576

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.



89.3484, 84.2361, 134.0828



78.8043, 84.2361, 53.7007



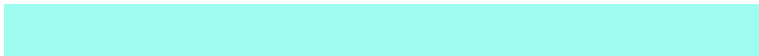
73.4982, 84.2361, 138.8084

Square

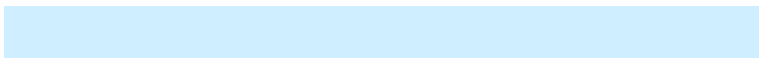
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.8043, 84.2361, 53.7007



65.3670, 84.2361, 95.3932



81.3368, 84.2361, 144.4337



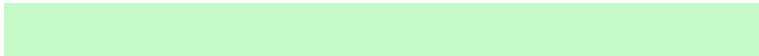
96.8135, 84.2361, 88.1399

Rectangle

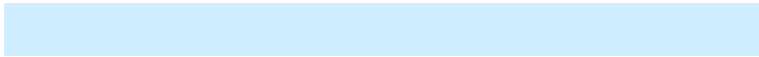
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.8043, 84.2361, 53.7007



67.8967, 84.2361, 67.9952



81.3368, 84.2361, 144.4337



93.6042, 84.2361, 120.4036

Sweetspot

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



78.8065, 84.2399, 53.7025



89.8855, 95.2348, 90.0259



66.5881, 56.5130, 59.7733



19.0701, 20.2246, 18.6620



0.0000, 0.0000, 0.0000



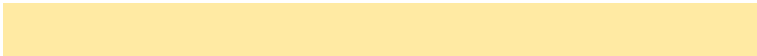
20.3446, 21.4041, 23.3091

Same Dimension

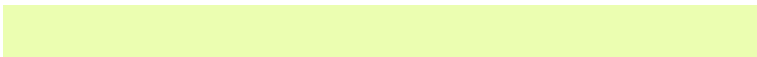
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.8065, 84.2399, 53.7025



77.1629, 82.4998, 46.6015



77.5565, 91.6779, 55.2040



19.1803, 20.3287, 19.0573



31.9138, 31.8387, 4.4635



3.1903, 3.2659, 0.4622

Inverse Universe

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



55.5355, 55.5314, 101.5576



50.4716, 49.5804, 101.5176



56.4424, 50.3704, 100.5137



17.3475, 18.0665, 22.8228



10.3582, 5.6260, 49.9746



1.0877, 0.7061, 4.8922

Previews

White Background



This preview shows how the XYZ color 78.8043, 84.2361, 53.7007 looks on a white background.

Color Contrast Check

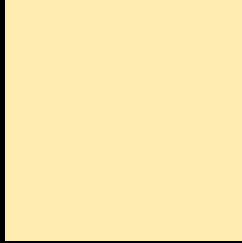
Large Text (above 18pt) WCAG AA × Fail

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 78.8043, 84.2361, 53.7007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

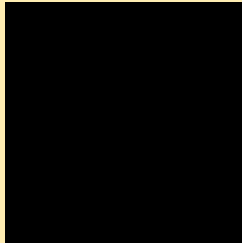
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.8043, 84.2361, 53.7007

Background



This preview shows how black text looks on a background with the XYZ color 78.8043, 84.2361, 53.7007.



This preview shows how white text looks on a background with the XYZ color 78.8043, 84.2361,

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

78.8043, 84.2361, 53.7007

Protanopia

78.4393, 84.0479, 53.6836

Deuteranopia

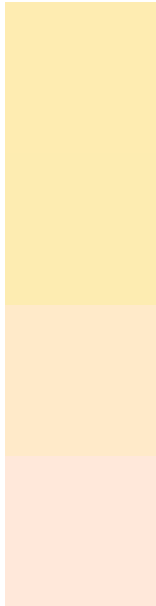
82.6447, 84.4441, 76.2335



Tritanopia

85.5638, 84.2644, 95.7594

Trichromacy



Original Color

78.8043, 84.2361, 53.7007

Protanomaly

78.4393, 84.0479, 53.6836

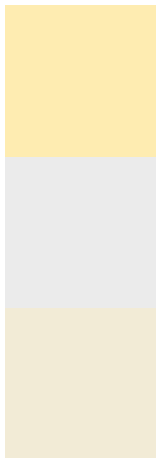
Deuteranomaly

81.2054, 84.3227, 67.2543

Tritanomaly

82.7515, 84.0352, 78.1886

Monochromacy



Original Color

78.8043, 84.2361, 53.7007

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.4639, 83.1489, 75.5322

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.8043, 84.2361, 53.7007 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(254, 236, 177)` looks like.

```
.text, #text, p{  
    color:rgb(254, 236, 177)  
}
```

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(254, 236, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 236, 177) }
```

Border

The CSS property to change the border of an element to XYZ 78.8043, 84.2361, 53.7007 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(254, 236, 177) }
```


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

```
.border{ border-color:rgb(254, 236, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 236, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 236, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 236, 177);  
box-shadow:4px 4px 4px 4px rgb(254, 236,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 78.8043, 84.2361, 53.7007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 236, 177) }
```

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

```
.background{ background-color: rgb(254,  
236, 177) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor