

Converting Colors

XYZ(79.2706, 87.6641, 55.1053)

Have a look what the booklet for
XYZ(79.2706, 87.6641, 55.1053)
contains.

XYZ(79.1534, 87.4553, 54.8282)	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(79.1534, 87.4553,
54.8282)**

Conversions

Conversions Part 1

Format	Color
Hex	F9F3B2
RGB	249, 243, 178
RGB Percent	98%, 95%, 70%
CMY	0.0235, 0.0470, 0.3020
CMYK	0.00, 0.02, 0.29, 0.02
HSL	55°, 86%, 84%
HSV	55°, 29%, 98%
XYZ	79.1534, 87.4553, 54.8282
YIQ	237.3840, 24.4410, -18.9430

Conversions

Conversions Part 2

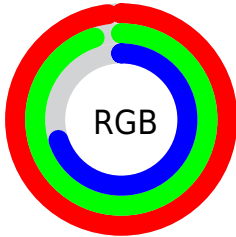
Format	Color
R _Y B	185, 249, 178
Decimal	16380850
CIE Lab	94.93, -7.74, 32.15
CIE LCh	95, 33.064, 103.533
Yxy	87.4553, 0.3575, 0.3949
Android (android.graphics.Color)	4294570930 (0xFFFF9F3B2)
YUV	237.3840, -29.2763, 10.1872
Hunter-Lab	93.5175, -12.5730, 30.7013

Details

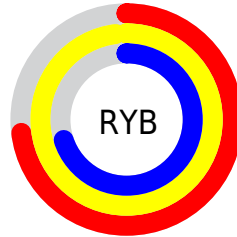
The XYZ color **79.1534, 87.4553, 54.8282** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **52.5992, 50.5842, 96.6142**, and the grayscale version is **80.9996, 85.2179, 92.8023**.

A 20% lighter version of the original color is **91.8513, 98.7205, 92.0558**, and **43.2102, 48.2278, 26.4335** is the 20% darker color. If you saturate the color by 10%, you get **76.2522, 85.2970, 42.6263**, and if you desaturate by 10%, it is **82.5201, 89.8174, 69.4261**.

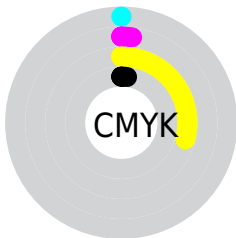
Distribution



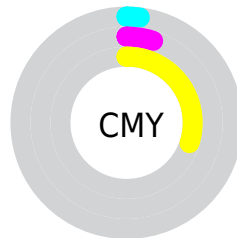
- Red (98%)
- Green (95%)
- Blue (70%)



- Red (73%)
- Yellow (98%)
- Blue (70%)



- Cyan (0%)
- Magenta (2%)
- Yellow (29%)
- Black (2%)





- Cyan (2%)
- Magenta (5%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.1534, 87.4553, 54.8282 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 79.1534, 87.4553, 54.8282 by changing the saturation by 10% instead.


 79.1534, 87.4553,
54.8282

 79.1534, 87.4553,
54.8282


480.8552,
519.7178, 422.5239

 59.3280, 65.8721,
38.8665


 131.1316,
143.7986, 98.7578

 43.1246, 48.1685,
26.3489


164.0151,
179.3274, 127.5628

 30.1778, 33.9604,
16.8567


201.9820,
220.2735, 161.4861

 20.1224, 22.8632,
9.9715

245.3977,
267.0214, 200.9460

 12.5928, 14.4925,
5.2747

294.6275,
319.9554, 246.3612

 7.2238, 8.4640,
2.3478

350.0368,

 3.6500, 4.3933,

379.4598, 298.1503

0.7578

411.9909,
445.9192, 356.7317

■ 1.5061, 1.8959,
0.0000

■ 0.3300, 0.5459,
0.0000

■ 79.1534, 87.4553,
54.8282

■ 79.1534, 87.4553,
54.8282

■ 76.2522, 85.2970,
42.6263

■ 82.5201, 89.8174,
69.4261

■ 73.7852, 83.3208,
32.6856

■ 86.3684, 92.3807,
86.5341

■ 71.7278, 81.5199,
24.8661

■ 90.7217, 95.1576,
106.2658

■ 70.0500, 79.8823,
19.0103

■ 91.7440, 96.6137,
108.4206

■ 68.7176, 78.3942,
14.9388

■ 92.4058, 97.9373,
108.6412

■ 67.6904, 77.0395,
12.4392

■ 92.8770, 98.8798,
108.7983

■ 66.9110, 75.7952,
11.2097

■ 66.8046, 75.6150,
11.0742

Harmonies

Analogous

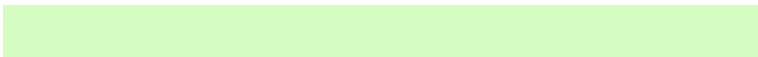
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.1079, 87.4553, 55.2823



79.1534, 87.4553, 54.8282



71.8033, 87.4553, 63.7210

Triad

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



79.1534, 87.4553, 54.8282



71.2387, 87.4553, 133.4497



100.7808, 87.4553, 109.9196

Complementary

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



79.1534, 87.4553, 54.8282



52.5992, 50.5842, 96.6142

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.



95.5753, 87.4553, 135.7010



79.1534, 87.4553, 54.8282



78.3310, 87.4553, 150.8680

Square

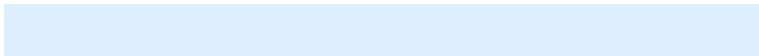
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.1534, 87.4553, 54.8282



67.4606, 87.4553, 107.2542



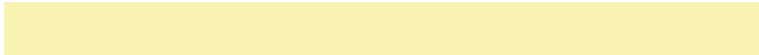
87.2245, 87.4553, 151.7591



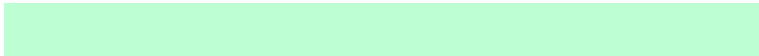
101.0408, 87.4553, 84.1287

Rectangle

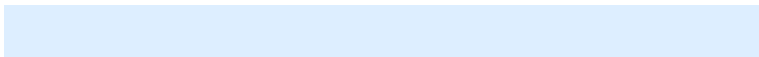
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.1534, 87.4553, 54.8282



68.6231, 87.4553, 74.8665



87.2245, 87.4553, 151.7591



99.5353, 87.4553, 118.9729

Sweetspot

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



79.1556, 87.4592, 54.8300



90.9576, 97.3791, 90.3832



63.7556, 55.4886, 53.3055



19.3358, 20.7561, 18.7506



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

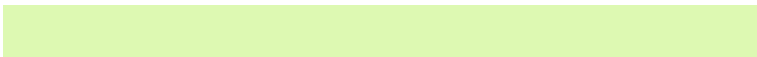
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.1556, 87.4592, 54.8300



81.8051, 91.0369, 50.4528



71.6093, 86.2756, 54.9993



18.5947, 19.9253, 18.3283



35.8113, 40.5793, 5.9451



3.3526, 3.8300, 0.5626

Inverse Universe

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



52.5992, 50.5842, 96.6142



49.7132, 46.4794, 100.9590



58.5850, 51.8606, 96.5451



16.4008, 16.8784, 21.7787



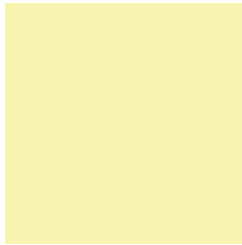
9.3370, 4.0296, 48.2592



0.9038, 0.4512, 4.4826

Previews

White Background



This preview shows how the XYZ color 79.1534, 87.4553, 54.8282 looks on a white background.

Color Contrast Check

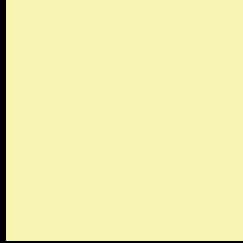
Large Text (above 18pt) WCAG AA × Fail

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 79.1534, 87.4553, 54.8282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

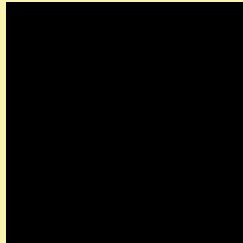
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.1534, 87.4553, 54.8282

Background



This preview shows how black text looks on a background with the XYZ color 79.1534, 87.4553, 54.8282.

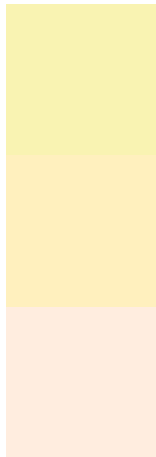


This preview shows how white text looks on a background with the XYZ color 79.1534, 87.4553,

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

79.1534, 87.4553, 54.8282

Protanopia

81.6944, 87.2979, 61.2596

Deuteranopia

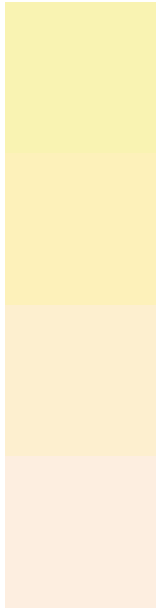
84.8435, 87.1561, 82.1631



Tritanopia

88.2036, 87.5788, 102.6980

Trichromacy



Original Color

79.1534, 87.4553, 54.8282

Protanomaly

80.8262, 87.3384, 59.0524

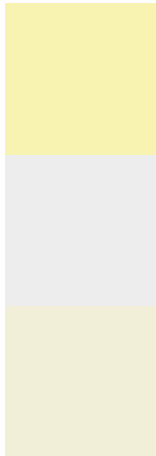
Deuteranomaly

82.6370, 87.1206, 71.4920

Tritanomaly

84.5371, 87.4135, 82.9379

Monochromacy



Original Color

79.1534, 87.4553, 54.8282

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

79.5368, 85.3916, 77.2559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.1534, 87.4553, 54.8282 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(249, 243, 178)` looks like.

```
.text, #text, p{  
    color:rgb(249, 243, 178)  
}
```

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(249, 243, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 243, 178) }
```

Border

The CSS property to change the border of an element to XYZ 79.1534, 87.4553, 54.8282 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(249, 243, 178) }
```


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

```
.border{ border-color:rgb(249, 243, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 243, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 243, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 243, 178);  
box-shadow:4px 4px 4px 4px rgb(249, 243,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 79.1534, 87.4553, 54.8282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 243, 178) }
```

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

```
.background{ background-color: rgb(249,  
243, 178) }
```

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