

Converting Colors

XYZ(79.6488, 93.1623, 58.3952)

Have a look what the booklet for
XYZ(79.6488, 93.1623, 58.3952)
contains.

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Color

**XYZ(79.5671, 93.1160,
58.5793)**

Conversions

Conversions Part 1

Format	Color
Hex	EEFFB7
RGB	238, 255, 183
RGB Percent	93%, 100%, 72%
CMY	0.0667, 0.0000, 0.2823
CMYK	0.07, 0.00, 0.28, 0.00
HSL	74°, 100%, 86%
HSV	74°, 28%, 100%
XYZ	79.5671, 93.1160, 58.5793
YIQ	241.7090, 12.9800, -25.9960

Conversions

Conversions Part 2

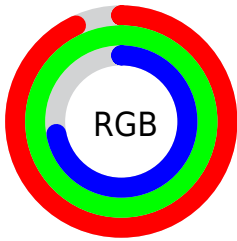
Format	Color
RYB	183, 255, 200
Decimal	15663031
CIELab	97.27, -17.02, 32.64
CIElCh	97, 36.809, 117.542
Yxy	93.1160, 0.3441, 0.4026
Android (android.graphics.Color)	4293853111 (0xFFEEFFB7)
YUV	241.7090, -28.9435, -3.2528
Hunter-Lab	96.4966, -21.6854, 31.5550

Details

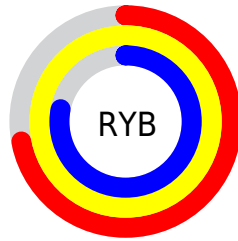
The XYZ color **79.5671, 93.1160, 58.5793** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **58.8039, 53.3676, 101.8094**, and the grayscale version is **84.3816, 88.7760, 96.6771**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **43.2126, 51.7969, 28.4891** is the 20% darker color. If you saturate the color by 10%, you get **75.1609, 91.1239, 45.7509**, and if you desaturate by 10%, it is **84.5227, 95.3357, 73.9459**.

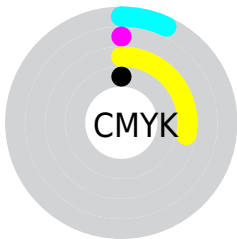
Distribution



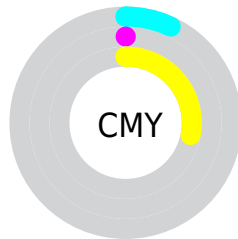
- Red (93%)
- Green (100%)
- Blue (72%)



- Red (72%)
- Yellow (100%)
- Blue (78%)



- Cyan (7%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)



- Cyan (7%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.5671, 93.1160, 58.5793 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 79.5671, 93.1160, 58.5793 by changing the saturation by 10% instead.

79.5671, 93.1160,
58.5793

79.5671, 93.1160,
58.5793

482.2315,
538.1158, 436.9995

59.6694, 70.5679,
41.8568

131.7106,
151.6592, 104.2891

43.4007, 51.9897,
28.6644

164.6872,
188.4231, 134.1134

30.3955, 36.9968,
18.5837

202.7542,
230.6944, 169.1421

20.2885, 25.2050,
11.1961

246.2768,
278.8575, 209.7936

12.7144, 16.2299,
6.0831

295.6205,
333.2968, 256.4866

7.3078, 9.6870,
2.8261

351.1506,

3.7034, 5.1919,

394.3967, 309.6395

1.0065

413.2325,
462.5416, 369.6710

■ 1.5357, 2.3603,
0.0000

■ 0.3500, 0.8053,
0.0000

■ 79.5671, 93.1160,
58.5793

■ 79.5671, 93.1160,
58.5793

■ 75.1609, 91.1239,
45.7509

■ 84.5227, 95.3357,
73.9459

■ 71.2761, 89.3481,
35.3199

■ 90.0511, 97.7924,
91.9734

■ 67.8841, 87.7770,
27.1378

95.0500, 100.0000,
108.9000

■ 64.9526, 86.3977,
21.0381

■ 62.4449, 85.1955,
16.8311

■ 60.3177, 84.1529,
14.2925

■ 58.5117, 83.2461,
13.1135

■ 58.2117, 83.0943,
12.9707

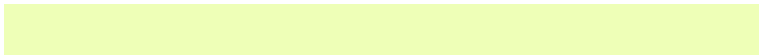
Harmonies

Analogous

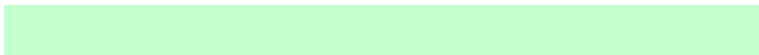
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.3651, 93.1160, 54.2218



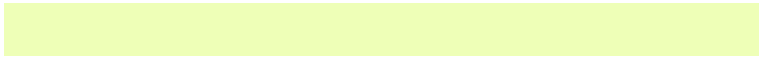
79.5671, 93.1160, 58.5793



72.6658, 93.1160, 73.6290

Triad

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



79.5671, 93.1160, 58.5793



78.1903, 93.1160, 157.8588



110.0462, 93.1160, 103.8656

Complementary

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



79.5671, 93.1160, 58.5793



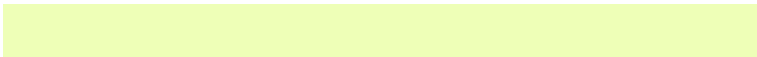
58.8039, 53.3676, 101.8094

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.



106.4909, 93.1160, 135.3697



79.5671, 93.1160, 58.5793



87.6484, 93.1160, 170.1222

Square

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



79.5671, 93.1160, 58.5793



71.9158, 93.1160, 130.2726



98.0861, 93.1160, 161.1840



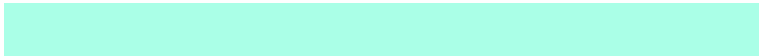
107.4649, 93.1160, 77.1227

Rectangle

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



79.5671, 93.1160, 58.5793



70.3621, 93.1160, 89.5172



98.0861, 93.1160, 161.1840



109.5234, 93.1160, 114.2633

Sweetspot

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



79.5675, 93.1162, 58.5806



90.1877, 97.8529, 92.4287



70.3959, 65.8958, 53.8100



19.1174, 20.8619, 19.1635



0.0000, 0.0000, 0.0000



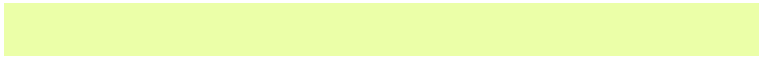
20.3446, 21.4041, 23.3091

Same Dimension

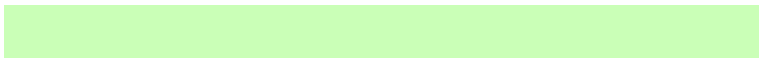
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.5675, 93.1162, 58.5806



76.9615, 91.9404, 50.8825



68.7193, 87.5237, 58.0729



19.1174, 20.8619, 19.1635



30.5560, 43.4903, 6.7840



3.0714, 4.2841, 0.6650

Inverse Universe

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



58.8039, 53.3676, 101.8094



53.0376, 46.1257, 100.7155



69.5099, 58.8867, 102.3104



17.4044, 17.5847, 22.7268



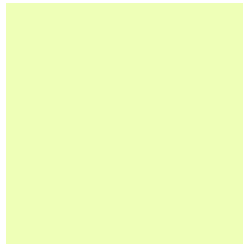
10.5206, 4.3341, 49.7166



1.1162, 0.4693, 4.8450

Previews

White Background



This preview shows how the XYZ color 79.5671, 93.1160, 58.5793 looks on a white background.

Color Contrast Check

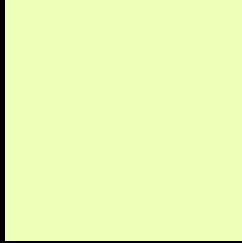
Large Text (above 18pt) WCAG AA × Fail

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 79.5671, 93.1160, 58.5793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

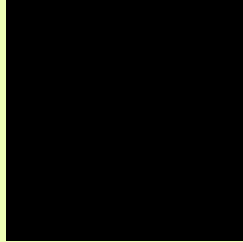
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.5671, 93.1160, 58.5793

Background



This preview shows how black text looks on a background with the XYZ color 79.5671, 93.1160, 58.5793.

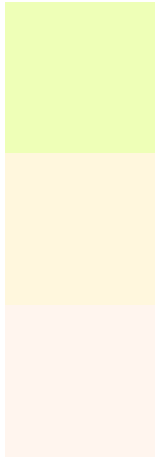


This preview shows how white text looks on a background with the XYZ color 79.5671, 93.1160,

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

79.5671, 93.1160, 58.5793

Protanopia

87.5519, 93.0020, 81.7433

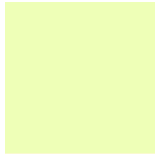
Deuteranopia

89.3250, 92.7379, 94.0812

Tritanopia

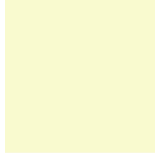
89.7172, 93.0880, 107.8469

Trichromacy



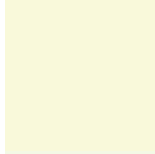
Original Color

79.5671, 93.1160, 58.5793



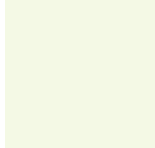
Protanomaly

84.5150, 93.0159, 72.5309



Deuteranomaly

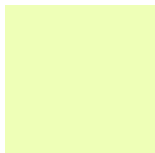
85.5975, 92.9531, 79.7599



Tritanomaly

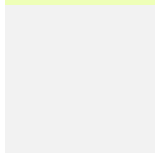
85.3268, 92.6416, 87.5132

Monochromacy



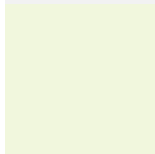
Original Color

79.5671, 93.1160, 58.5793



Achromatopsia

84.3971, 88.7923, 96.6948



Achromatomaly

82.5875, 90.4428, 81.5110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.5671, 93.1160, 58.5793 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(238, 255, 183)` looks like.

```
.text, #text, p{  
    color:rgb(238, 255, 183)  
}
```

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(238, 255, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 255, 183) }
```

Border

The CSS property to change the border of an element to XYZ 79.5671, 93.1160, 58.5793 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(238, 255, 183) }
```


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

```
.border{ border-color:rgb(238, 255, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 255, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 255, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 255, 183);  
box-shadow:4px 4px 4px 4px rgb(238, 255,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 79.5671, 93.1160, 58.5793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 255, 183) }
```

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

```
.background{ background-color: rgb(238,  
255, 183) }
```

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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