

Converting Colors

XYZ(79.6935, 93.2132, 57.1391)

Have a look what the booklet for
XYZ(79.6935, 93.2132, 57.1391)
contains.

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Color

**XYZ(79.5948, 93.1660,
56.9678)**

Conversions

Conversions Part 1

Format	Color
Hex	EFFFB4
RGB	239, 255, 180
RGB Percent	94%, 100%, 71%
CMY	0.0627, 0.0000, 0.2941
CMYK	0.06, 0.00, 0.29, 0.00
HSL	73°, 100%, 85%
HSV	73°, 29%, 100%
XYZ	79.5948, 93.1660, 56.9678
YIQ	241.6660, 14.5390, -26.7170

Conversions

Conversions Part 2

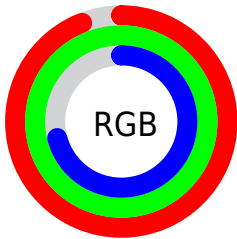
Format	Color
RYB	180, 255, 196
Decimal	15728564
CIELab	97.29, -17.05, 34.18
CIELCh	97, 38.196, 116.517
Yxy	93.1660, 0.3465, 0.4055
Android (android.graphics.Color)	4293918644 (0xFFEFFFFB4)
YUV	241.6660, -30.4013, -2.3381
Hunter-Lab	96.5225, -21.7191, 32.5727

Details

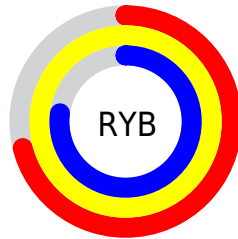
The XYZ color **79.5948, 93.1660, 56.9678** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **57.1373, 51.5996, 101.5560**, and the grayscale version is **84.3578, 88.7510, 96.6499**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **43.3163, 51.8656, 27.8067** is the 20% darker color. If you saturate the color by 10%, you get **75.4222, 91.2880, 44.4369**, and if you desaturate by 10%, it is **84.3015, 95.2641, 72.0208**.

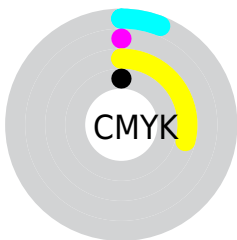
Distribution



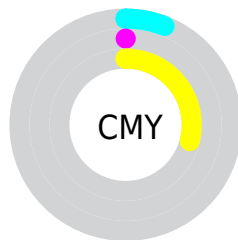
- Red (94%)
- Green (100%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (77%)



- Cyan (6%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)





- Cyan (6%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.5948, 93.1660, 56.9678 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 79.5948, 93.1660, 56.9678 by changing the saturation by 10% instead.


 79.5948, 93.1660,
56.9678

 79.5948, 93.1660,
56.9678


482.3236,
538.2768, 430.8190

 59.6923, 70.6095,
40.5702


 131.7494,
151.7284, 101.9181

 43.4192, 52.0236,
27.6662


164.7322,
188.5031, 131.3078

 30.4101, 37.0239,
17.8374


202.8058,
230.7860, 165.8654

 20.2997, 25.2260,
10.6651

246.3356,
278.9614, 206.0093

 12.7226, 16.2455,
5.7308

295.6870,
333.4138, 252.1580

 7.3135, 9.6980,
2.6159

351.2251,

 3.7070, 5.1992,

394.5276, 304.7302

0.9007

413.3156,
462.6871, 364.1444

■ 1.5377, 2.3646,
0.0000

■ 0.3513, 0.8076,
0.0000

■ 79.5948, 93.1660,
56.9678

■ 79.5948, 93.1660,
56.9678

■ 75.4222, 91.2880,
44.4369

■ 84.3015, 95.2641,
72.0208

■ 71.7557, 89.6187,
34.2860

■ 89.5657, 97.5916,
89.7196

■ 68.5664, 88.1466,
26.3648

95.0500, 100.0000,
108.9000

■ 65.8219, 86.8586,
20.5044

■ 63.4850, 85.7398,
16.5119

■ 61.5115, 84.7725,
14.1578

■ 59.8341, 83.9297,
13.0896

■ 59.7398, 83.8820,
13.0422

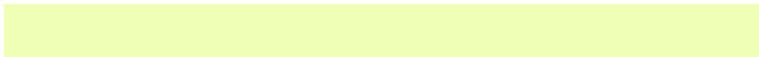
Harmonies

Analogous

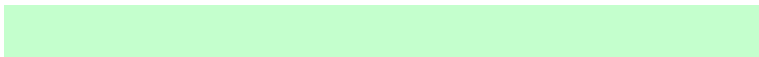
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.8197, 93.1660, 52.8831



79.5948, 93.1660, 56.9678



72.3272, 93.1660, 72.0267

Triad

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



79.5948, 93.1660, 56.9678



77.5759, 93.1660, 159.6090



110.9528, 93.1660, 105.0999

Complementary

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



79.5948, 93.1660, 56.9678



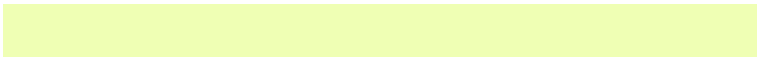
57.1373, 51.5996, 101.5560

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.



107.0369, 93.1660, 137.9402



79.5948, 93.1660, 56.9678



87.2953, 93.1660, 173.1870

Square

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



79.5948, 93.1660, 56.9678



71.2299, 93.1660, 130.3972



98.1561, 93.1660, 164.5493



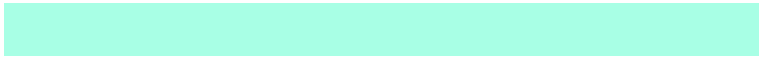
108.4755, 93.1660, 77.1256

Rectangle

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



79.5948, 93.1660, 56.9678



69.8437, 93.1660, 88.1906



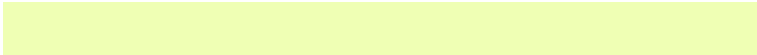
98.1561, 93.1660, 164.5493



110.3330, 93.1660, 115.9584

Sweetspot

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



79.5952, 93.1662, 56.9691



89.7942, 97.6922, 90.5050



68.9940, 63.5865, 51.8184



19.0474, 20.8342, 18.7809



0.0000, 0.0000, 0.0000



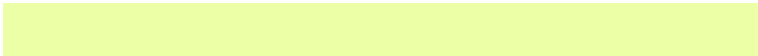
20.3446, 21.4041, 23.3091

Same Dimension

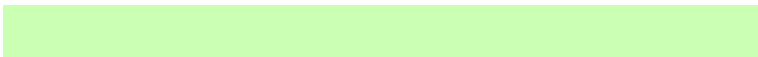
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.5952, 93.1662, 56.9691



77.1987, 92.0900, 49.6626



68.4916, 87.4421, 56.4495



19.1596, 20.8837, 19.1655



31.3459, 43.8975, 6.8210



3.1421, 4.3206, 0.6683

Inverse Universe

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



57.1373, 51.5996, 101.5560



51.5978, 44.6898, 100.5142



67.8133, 57.1033, 102.0556



17.3651, 17.5645, 22.7250



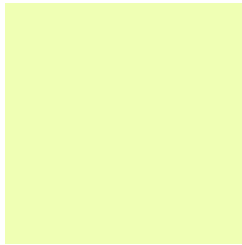
10.3380, 4.2399, 49.7081



1.0933, 0.4575, 4.8440

Previews

White Background



This preview shows how the XYZ color 79.5948, 93.1660, 56.9678 looks on a white background.

Color Contrast Check

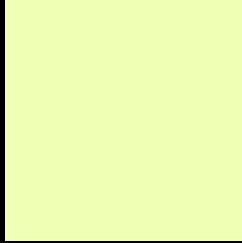
Large Text (above 18pt) WCAG AA × Fail

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 79.5948, 93.1660, 56.9678 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 79.5948, 93.1660, 56.9678

Background



This preview shows how black text looks on a background with the XYZ color 79.5948, 93.1660, 56.9678.



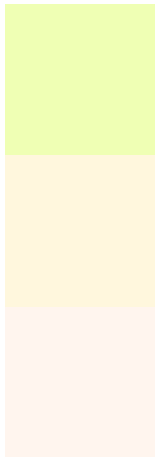
This preview shows how white text looks on a background with the XYZ color 79.5948, 93.1660,

56.9678.

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

79.5948, 93.1660, 56.9678

Protanopia

87.5519, 93.0020, 81.7433

Deuteranopia

89.3250, 92.7379, 94.0812

Tritanopia

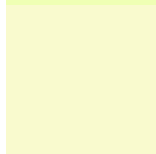
89.7172, 93.0880, 107.8469

Trichromacy



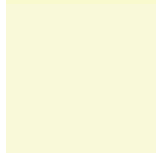
Original Color

79.5948, 93.1660, 56.9678



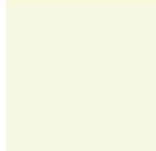
Protanomaly

84.3931, 92.9672, 71.8890



Deuteranomaly

85.4670, 92.9009, 79.0727



Tritanomaly

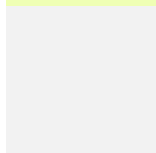
85.5355, 92.7653, 86.7961

Monochromacy



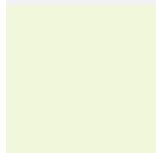
Original Color

79.5948, 93.1660, 56.9678



Achromatopsia

84.3971, 88.7923, 96.6948



Achromatomaly

82.3226, 90.3368, 80.1157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.5948, 93.1660, 56.9678 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(239, 255, 180)` looks like.

```
.text, #text, p{  
    color:rgb(239, 255, 180)  
}
```

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(239, 255, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 255, 180) }
```

Border

The CSS property to change the border of an element to XYZ 79.5948, 93.1660, 56.9678 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(239, 255, 180) }
```


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

```
.border{ border-color:rgb(239, 255, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 255, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 255, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 255, 180);  
box-shadow:4px 4px 4px 4px rgb(239, 255,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 79.5948, 93.1660, 56.9678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 255, 180) }
```

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

```
.background{ background-color: rgb(239,  
255, 180) }
```

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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