

Converting Colors

XYZ(98.5070, 95.6690, 51.0691)

Have a look what the booklet for
XYZ(98.5070, 95.6690, 51.0691)
contains.

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Color

**XYZ(79.3622, 85.8953,
50.4268)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEFAA
RGB	255, 239, 170
RGB Percent	100%, 94%, 67%
CMY	0.0000, 0.0627, 0.3333
CMYK	0.00, 0.06, 0.33, 0.00
HSL	49°, 100%, 83%
HSV	49°, 33%, 100%
XYZ	79.3622, 85.8953, 50.4268
YIQ	235.9180, 31.6850, -18.0670

Conversions

Conversions Part 2

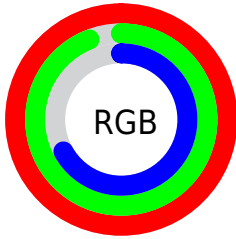
Format	Color
R_{YB}	190, 255, 170
Decimal	16773034
CIE _{Lab}	94.27, -4.46, 35.38
CIE _{LCh}	94, 35.659, 97.191
Yxy	85.8953, 0.3680, 0.3982
Android (android.graphics.Color)	4294963114 (0xFFFFEFAA)
YUV	235.9180, -32.4976, 16.7349
Hunter-Lab	92.6797, -9.3389, 32.6163

Details

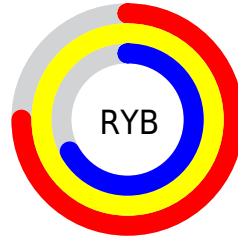
The XYZ color **79.3622, 85.8953, 50.4268** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **52.1861, 50.8823, 101.6785**, and the grayscale version is **79.8918, 84.0524, 91.5331**.

A 20% lighter version of the original color is **90.7275, 98.2710, 86.1379**, and **43.1703, 47.0216, 23.6304** is the 20% darker color. If you saturate the color by 10%, you get **75.7947, 82.2534, 38.4690**, and if you desaturate by 10%, it is **83.4392, 89.8068, 64.8647**.

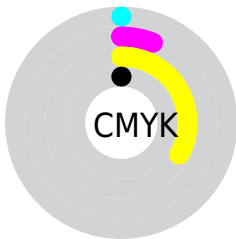
Distribution



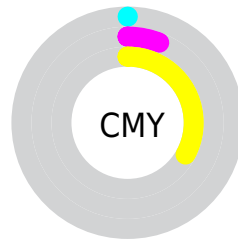
- Red (100%)
- Green (94%)
- Blue (67%)



- Red (75%)
- Yellow (100%)
- Blue (67%)



- Cyan (0%)
- Magenta (6%)
- Yellow (33%)
- Black (0%)





- Cyan (0%)
- Magenta (6%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.3622, 85.8953, 50.4268 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 79.3622, 85.8953, 50.4268 by changing the saturation by 10% instead.


 79.3622, 85.8953,
50.4268

 79.3622, 85.8953,
50.4268


481.5501,
514.5859, 405.1154

 59.5003, 64.5814,
35.3791


 131.4239,
141.6234, 92.2097

 43.2639, 47.1217,
23.6691


164.3544,
176.8063, 119.7820

 30.2877, 33.1319,
14.8784


202.3718,
217.3811, 152.3663

 20.2062, 22.2275,
8.5884

245.8415,
263.7321, 190.3810

 12.6541, 14.0242,
4.3806

295.1288,
316.2437, 234.2447

 7.2662, 8.1375,
1.8364

350.5991,

 3.6769, 4.1830,

375.3002, 284.3760

0.4518

412.6178,
441.2862, 341.1934

■ 1.5210, 1.7765,
0.0000

■ 0.3401, 0.4724,
0.0000

■ 79.3622, 85.8953,
50.4268

■ 79.3622, 85.8953,
50.4268

■ 75.7947, 82.2534,
38.4690

■ 83.4392, 89.8068,
64.8647

■ 72.7029, 78.8579,
28.8427

■ 88.0445, 93.9867,
81.9090

■ 70.0586, 75.7001,
21.3921

■ 93.2038, 98.4488,
101.6837

■ 67.8278, 72.7661,
15.9396

95.0500, 100.0000,
108.9000

■ 65.9714, 70.0397,
12.2799

■ 64.4415, 67.5012,
10.1630

■ 63.5573, 65.8945,
9.3691

Harmonies

Analogous

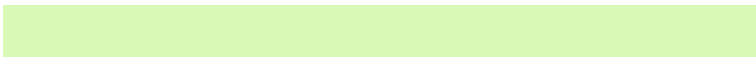
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.9735, 85.8953, 52.9186



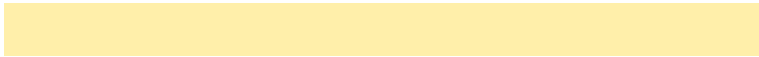
79.3622, 85.8953, 50.4268



71.0295, 85.8953, 57.5544

Triad

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



79.3622, 85.8953, 50.4268



67.8601, 85.8953, 129.0795



99.7779, 85.8953, 115.4455

Complementary

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



79.3622, 85.8953, 50.4268



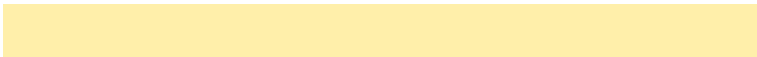
52.1861, 50.8823, 101.6785

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.



93.2598, 85.8953, 142.0244



79.3622, 85.8953, 50.4268



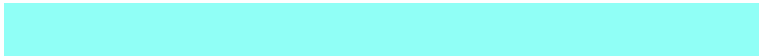
74.7227, 85.8953, 150.9068

Square

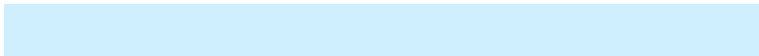
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.3622, 85.8953, 50.4268



64.7334, 85.8953, 100.2690



83.9628, 85.8953, 156.0560



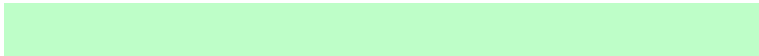
101.2625, 85.8953, 87.0911

Rectangle

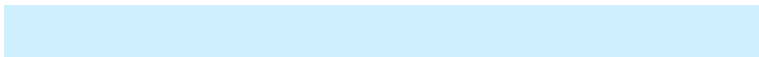
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.3622, 85.8953, 50.4268



67.1501, 85.8953, 67.8104



83.9628, 85.8953, 156.0560



98.0795, 85.8953, 125.0362

Sweetspot

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



79.3643, 85.8992, 50.4286



89.7012, 95.4418, 88.1897



64.5850, 53.5982, 53.9562



19.0486, 20.2963, 18.3013



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

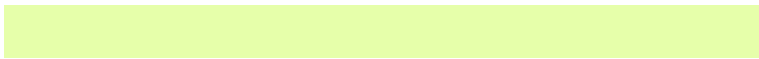
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.3643, 85.8992, 50.4286



76.9298, 83.4399, 42.1879



75.4890, 91.1629, 51.6488



19.2536, 20.4754, 19.0817



33.3141, 34.6394, 4.9302



3.3152, 3.5158, 0.5039

Inverse Universe

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



52.1861, 50.8823, 101.6785



45.9761, 43.5707, 100.5945



55.0607, 47.6393, 100.9010



17.2795, 17.9306, 22.8002



10.0620, 5.0335, 49.8758



1.0497, 0.6302, 4.8796

Previews

White Background



This preview shows how the XYZ color 79.3622, 85.8953, 50.4268 looks on a white background.

Color Contrast Check

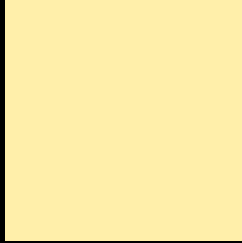
Large Text (above 18pt) WCAG AA × Fail

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 79.3622, 85.8953, 50.4268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

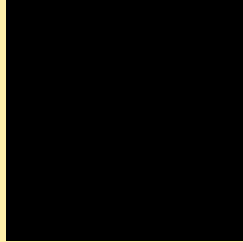
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.3622, 85.8953, 50.4268

Background



This preview shows how black text looks on a background with the XYZ color 79.3622, 85.8953, 50.4268.



This preview shows how white text looks on a background with the XYZ color 79.3622, 85.8953,

50.4268.

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

79.3622, 85.8953, 50.4268

Protanopia

79.9512, 85.6637, 54.9687

Deuteranopia

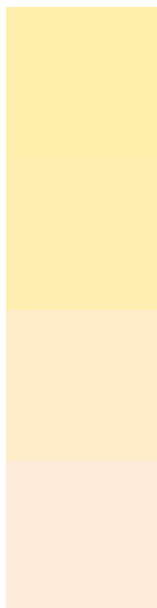
83.6032, 85.7386, 78.4725



Tritanopia

86.7080, 86.0695, 97.6310

Trichromacy



Original Color

79.3622, 85.8953, 50.4268

Protanomaly

79.6510, 85.5437, 53.3878

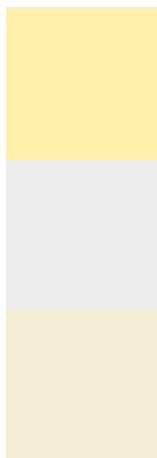
Deuteranomaly

81.7781, 85.4680, 67.4451

Tritanomaly

83.4727, 85.6864, 77.7853

Monochromacy



Original Color

79.3622, 85.8953, 50.4268

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.1300, 84.3765, 74.4031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3622, 85.8953, 50.4268 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, 239, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 170)  
}
```

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, 239, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 170) }
```

Border

The CSS property to change the border of an element to XYZ 79.3622, 85.8953, 50.4268 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, 239, 170) }
```


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

```
.border{ border-color:rgb(255, 239, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 239, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 239, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 239, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 239,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3622, 85.8953, 50.4268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 239, 170) }
```

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

```
.background{ background-color: rgb(255,  
239, 170) }
```

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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