

Converting Colors

XYZ(79.4495, 85.2715, 52.9955)

Have a look what the booklet for
XYZ(79.4495, 85.2715, 52.9955)
contains.

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Color

**XYZ(79.5524, 85.5042,
52.8685)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEEAF
RGB	255, 238, 175
RGB Percent	100%, 93%, 69%
CMY	0.0000, 0.0666, 0.3137
CMYK	0.00, 0.07, 0.31, 0.00
HSL	47°, 100%, 84%
HSV	47°, 31%, 100%
XYZ	79.5524, 85.5042, 52.8685
YIQ	235.9010, 30.3550, -15.9890

Conversions

Conversions Part 2

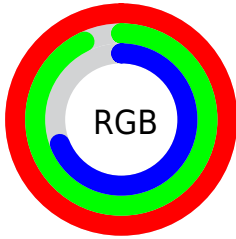
Format	Color
R _Y B	197, 255, 175
Decimal	16772783
CIE Lab	94.10, -3.37, 32.63
CIE LCh	94, 32.804, 95.889
Yxy	85.5042, 0.3650, 0.3924
Android (android.graphics.Color)	4294962863 (0xFFFFEEAF)
YUV	235.9010, -30.0242, 16.7498
Hunter-Lab	92.4685, -8.2529, 30.8291

Details

The XYZ color **79.5524, 85.5042, 52.8685** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **54.5784, 54.0316, 102.1603**, and the grayscale version is **79.8611, 84.0201, 91.4979**.

A 20% lighter version of the original color is **91.4238, 98.5495, 89.8047**, and **43.2668, 46.7314, 25.1520** is the 20% darker color. If you saturate the color by 10%, you get **75.7279, 81.4917, 40.3826**, and if you desaturate by 10%, it is **83.9015, 89.8085, 67.8645**.

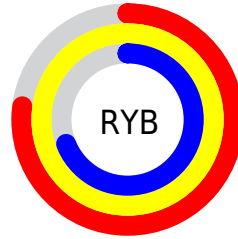
Distribution



Red (100%)

Green (93%)

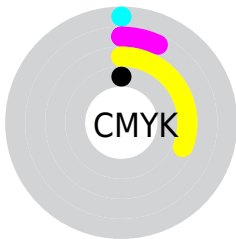
Blue (69%)



Red (77%)

Yellow (100%)

Blue (69%)

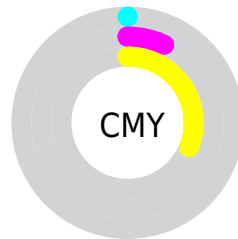


Cyan (0%)

Magenta (7%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (7%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.5524, 85.5042, 52.8685 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 79.5524, 85.5042, 52.8685 by changing the saturation by 10% instead.


 79.5524, 85.5042,
52.8685

 79.5524, 85.5042,
52.8685

482.1827,
513.2950, 414.8324

 59.6573, 64.2581,
37.3108


 131.6901,
141.0774, 95.8504

 43.3909, 46.8597,
25.1505


164.6634,
176.1733, 124.1117

 30.3878, 32.9248,
15.9692


202.7267,
216.6545, 157.4446

 20.2826, 22.0688,
9.3483

246.2456,
262.9055, 196.2677

 12.7101, 13.9075,
4.8691

295.5852,
315.3106, 240.9995

 7.3049, 8.0563,
2.1133

351.1111,

 3.7015, 4.1310,

374.2543, 292.0585

0.6237

413.1884,
440.1210, 349.8633

■ 1.5347, 1.7471,
0.0000

■ 0.3493, 0.4539,
0.0000

■ 79.5524, 85.5042,
52.8685

■ 79.5524, 85.5042,
52.8685

■ 75.7279, 81.4917,
40.3826

■ 83.9015, 89.8085,
67.8645

■ 72.3946, 77.7480,
30.2608

■ 88.7940, 94.4037,
85.4948

■ 69.5249, 74.2643,
22.3501

■ 94.2553, 99.3036,
105.8821

■ 67.0855, 71.0267,
16.4774

■ 95.0500, 100.0000,
108.9000

■ 65.0382, 68.0192,
12.4439

■ 63.3373, 65.2228,
10.0102

■ 62.0874, 62.9548,
8.8791

Harmonies

Analogous

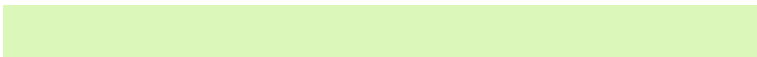
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.3501, 85.5042, 55.6283



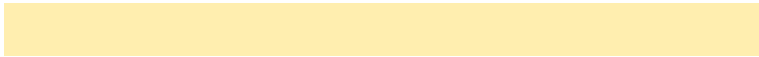
79.5524, 85.5042, 52.8685



71.7847, 85.5042, 59.2156

Triad

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



79.5524, 85.5042, 52.8685



68.3659, 85.5042, 124.3566



97.6428, 85.5042, 114.2415

Complementary

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



79.5524, 85.5042, 52.8685



54.5784, 54.0316, 102.1603

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.



91.5543, 85.5042, 137.9327



79.5524, 85.5042, 52.8685



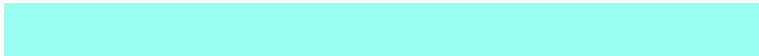
74.5771, 85.5042, 144.4687

Square

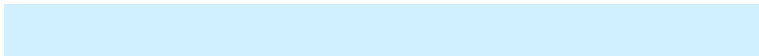
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.5524, 85.5042, 52.8685



65.6313, 85.5042, 98.1396



83.0105, 85.5042, 149.8368



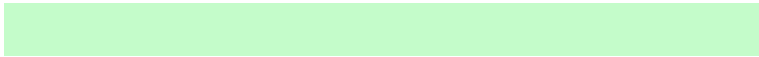
99.2124, 85.5042, 88.2351

Rectangle

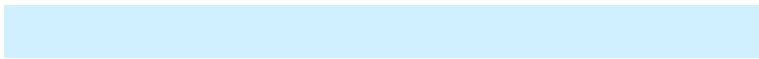
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.5524, 85.5042, 52.8685



68.0991, 85.5042, 68.5703



83.0105, 85.5042, 149.8368



96.0364, 85.5042, 122.8753

Sweetspot

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



79.5545, 85.5080, 52.8703



90.0370, 95.5379, 90.0764



66.1220, 55.7414, 57.3382



19.1076, 20.2997, 18.6745



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

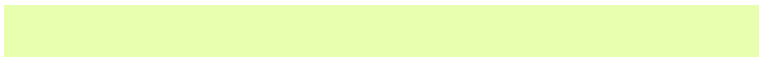
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.5545, 85.5080, 52.8703



76.9616, 82.8149, 44.3215



76.8853, 91.8270, 54.2306



19.2145, 20.3971, 19.0687



32.5549, 33.1211, 4.6772



3.2476, 3.3806, 0.4814

Inverse Universe

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



54.5784, 54.0316, 102.1603



48.2271, 46.6129, 101.0631



56.5817, 49.8415, 101.2459



17.3157, 18.0030, 22.8122



10.2116, 5.3328, 49.9257



1.0693, 0.6692, 4.8861

Previews

White Background



This preview shows how the XYZ color 79.5524, 85.5042, 52.8685 looks on a white background.

Color Contrast Check

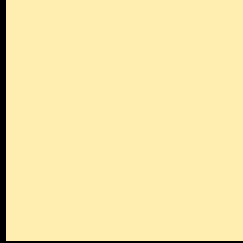
Large Text (above 18pt) WCAG AA × Fail

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 79.5524, 85.5042, 52.8685 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 79.5524, 85.5042, 52.8685

Background



This preview shows how black text looks on a background with the XYZ color 79.5524, 85.5042, 52.8685.



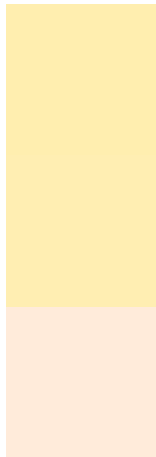
This preview shows how white text looks on a background with the XYZ color 79.5524, 85.5042,

52.8685.

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

79.5524, 85.5042, 52.8685

Protanopia

79.8504, 85.6234, 54.4379

Deuteranopia

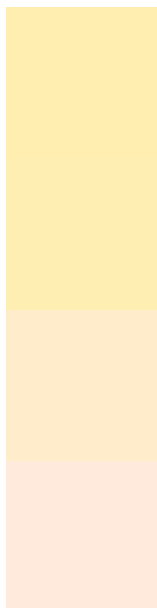
83.6032, 85.7386, 78.4725



Tritanopia

86.4257, 85.5049, 97.5369

Trichromacy



Original Color

79.5524, 85.5042, 52.8685

Protanomaly

79.7503, 85.5834, 53.9109

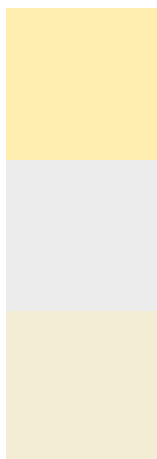
Deuteranomaly

81.8961, 85.5152, 68.0668

Tritanomaly

83.4490, 85.2201, 79.0687

Monochromacy



Original Color

79.5524, 85.5042, 52.8685

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.3839, 84.4781, 75.7403

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.5524, 85.5042, 52.8685 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, 238, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 238, 175)  
}
```

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, 238, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 238, 175) }
```

Border

The CSS property to change the border of an element to XYZ 79.5524, 85.5042, 52.8685 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, 238, 175) }
```


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

```
.border{ border-color:rgb(255, 238, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 238, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 238, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 238, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 238,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 79.5524, 85.5042, 52.8685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 238, 175) }
```

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

```
.background{ background-color: rgb(255,  
238, 175) }
```

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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