

Converting Colors

XYZ(79.2235, 84.9703, 52.3769)

Have a look what the booklet for
XYZ(79.2235, 84.9703, 52.3769)
contains.

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Color

**XYZ(79.1642, 84.8844,
52.2563)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEDAE
RGB	255, 237, 174
RGB Percent	100%, 93%, 68%
CMY	0.0000, 0.0706, 0.3176
CMYK	0.00, 0.07, 0.32, 0.00
HSL	47°, 100%, 84%
HSV	47°, 32%, 100%
XYZ	79.1642, 84.8844, 52.2563
YIQ	235.2000, 30.9510, -15.7770

Conversions

Conversions Part 2

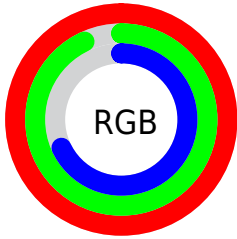
Format	Color
R _Y B	197, 255, 174
Decimal	16772526
CIE Lab	93.83, -2.98, 32.78
CIE LCh	94, 32.916, 95.201
Yxy	84.8844, 0.3660, 0.3924
Android (android.graphics.Color)	4294962606 (0xFFFFEADAE)
YUV	235.2000, -30.1716, 17.3646
Hunter-Lab	92.1327, -7.8578, 30.8645

Details

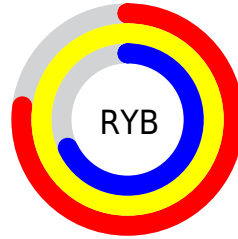
The XYZ color **79.1642, 84.8844, 52.2563** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **54.3547, 53.9163, 102.1498**, and the grayscale version is **79.3259, 83.4571, 90.8848**.

A 20% lighter version of the original color is **91.2829, 98.4932, 89.0629**, and **43.0010, 46.2985, 24.7593** is the 20% darker color. If you saturate the color by 10%, you get **75.2968, 80.7574, 39.8450**, and if you desaturate by 10%, it is **83.5595, 89.3115, 67.1738**.

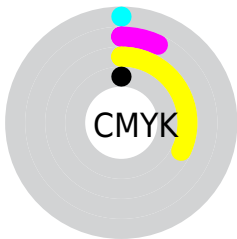
Distribution



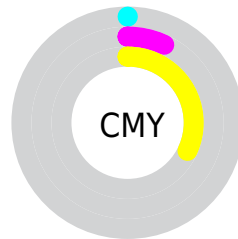
- Red (100%)
- Green (93%)
- Blue (68%)



- Red (77%)
- Yellow (100%)
- Blue (68%)



- Cyan (0%)
- Magenta (7%)
- Yellow (32%)
- Black (0%)




- Cyan (0%)
- Magenta (7%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.1642, 84.8844, 52.2563 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 79.1642, 84.8844, 52.2563 by changing the saturation by 10% instead.


 79.1642, 84.8844,
52.2563

 79.1642, 84.8844,
52.2563


480.8912,
511.2455, 412.4103

 59.3369, 63.7459,
36.8258


 131.1467,
140.2117, 94.9395

 43.1318, 46.4449,
24.7779


164.0326,
175.1692, 123.0293

 30.1835, 32.5970,
15.6941


202.0022,
215.5018, 156.1759

 20.1267, 21.8179,
9.1560

245.4207,
261.5939, 194.7979

 12.5960, 13.7232,
4.7449

294.6534,
313.8300, 239.3138

 7.2260, 7.9284,
2.0422

350.0659,

 3.6514, 4.0492,

372.5943, 290.1422

0.5811

412.0234,
438.2714, 347.7015

■ 1.5069, 1.7011,
0.0000

■ 0.3305, 0.4244,
0.0000

■ 79.1642, 84.8844,
52.2563

■ 79.1642, 84.8844,
52.2563

■ 75.2968, 80.7574,
39.8450

■ 83.5595, 89.3115,
67.1738

■ 71.9239, 76.9073,
29.7934

■ 88.5017, 94.0380,
84.7223

■ 69.0176, 73.3253,
21.9480

■ 94.0163, 99.0778,
105.0246

■ 66.5444, 69.9971,
16.1348

95.0500, 100.0000,
108.9000

■ 64.4658, 66.9066,
12.1535

■ 62.7355, 64.0345,
9.7629

■ 61.5147, 61.8094,
8.6882

Harmonies

Analogous

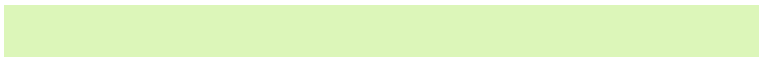
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.9465, 84.8844, 55.2137



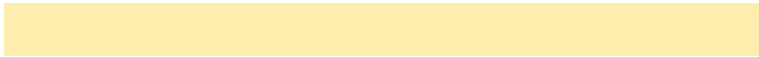
79.1642, 84.8844, 52.2563



71.3629, 84.8844, 58.3709

Triad

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



79.1642, 84.8844, 52.2563



67.6952, 84.8844, 123.0837



96.9414, 84.8844, 114.1496

Complementary

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



79.1642, 84.8844, 52.2563



54.3547, 53.9163, 102.1498

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.



90.7749, 84.8844, 137.6660



79.1642, 84.8844, 52.2563



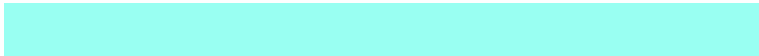
73.8253, 84.8844, 143.4430

Square

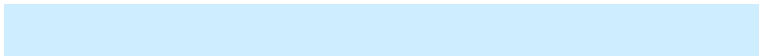
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.1642, 84.8844, 52.2563



65.0544, 84.8844, 96.8627



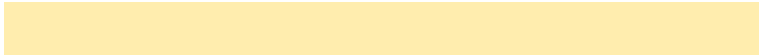
82.2152, 84.8844, 149.2103



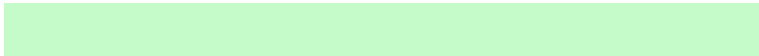
98.6267, 84.8844, 88.1243

Rectangle

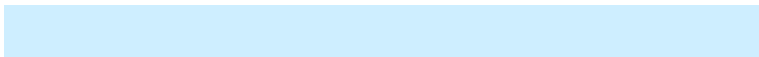
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.1642, 84.8844, 52.2563



67.6351, 84.8844, 67.5575



82.2152, 84.8844, 149.2103



95.3030, 84.8844, 122.7490

Sweetspot

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



79.1663, 84.8882, 52.2581



89.4322, 94.9039, 88.1000



65.9911, 55.3788, 57.6056



18.9832, 20.1655, 18.2795



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

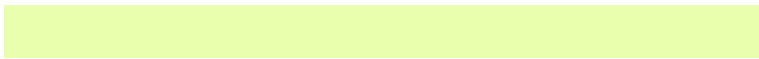
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.1663, 84.8882, 52.2581



76.6934, 82.2786, 44.2321



77.1354, 91.9672, 53.7315



19.1988, 20.3658, 19.0634



32.2590, 32.5292, 4.5785



3.2212, 3.3278, 0.4725

Inverse Universe

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



54.3547, 53.9163, 102.1498



48.4161, 46.9910, 101.1261



55.8479, 49.1753, 101.1560



17.3302, 18.0320, 22.8171



10.2768, 5.4632, 49.9474



1.0775, 0.6858, 4.8888

Previews

White Background



This preview shows how the XYZ color 79.1642, 84.8844, 52.2563 looks on a white background.

Color Contrast Check

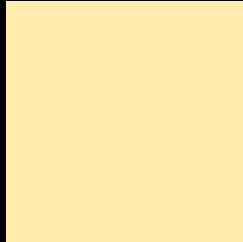
Large Text (above 18pt) WCAG AA × Fail

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 79.1642, 84.8844, 52.2563 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 79.1642, 84.8844, 52.2563

Background



This preview shows how black text looks on a background with the XYZ color 79.1642, 84.8844, 52.2563.



This preview shows how white text looks on a background with the XYZ color 79.1642, 84.8844,

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

79.1642, 84.8844, 52.2563

Protanopia

79.1642, 84.8844, 52.2563

Deuteranopia

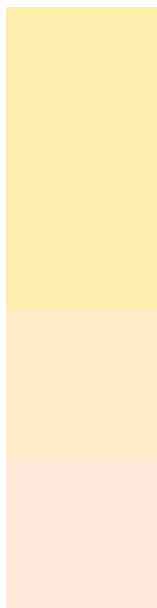
83.0575, 85.0635, 77.0070



Tritanopia

85.9936, 84.8829, 96.6457

Trichromacy



Original Color

79.1642, 84.8844, 52.2563

Protanomaly

79.1642, 84.8844, 52.2563

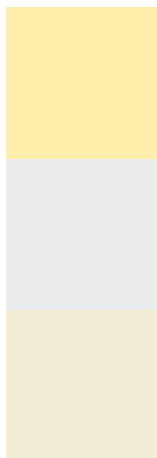
Deuteranomaly

81.4909, 84.8937, 67.3494

Tritanomaly

83.0338, 84.5998, 78.2827

Monochromacy



Original Color

79.1642, 84.8844, 52.2563

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.6236, 83.6722, 74.9572

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.1642, 84.8844, 52.2563 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, 237, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 174)  
}
```

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, 237, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 174) }
```

Border

The CSS property to change the border of an element to XYZ 79.1642, 84.8844, 52.2563 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, 237, 174) }
```


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

```
.border{ border-color:rgb(255, 237, 174) }
```

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

Here you see how a box with a 4 pixel rgb(255, 237, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 79.1642, 84.8844, 52.2563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 237, 174) }
```

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

```
.background{ background-color: rgb(255,  
237, 174) }
```

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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