

Converting Colors

XYZ(79.4125, 84.4237, 55.2905)

Have a look what the booklet for
XYZ(79.4125, 84.4237, 55.2905)
contains.

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Color

**XYZ(79.4737, 84.5462,
55.3104)**

Conversions

Conversions Part 1

Format	Color
Hex	FFECB4
RGB	255, 236, 180
RGB Percent	100%, 93%, 71%
CMY	0.0000, 0.0745, 0.2941
CMYK	0.00, 0.07, 0.29, 0.00
HSL	45°, 100%, 85%
HSV	45°, 29%, 100%
XYZ	79.4737, 84.5462, 55.3104
YIQ	235.2970, 29.3000, -13.3880

Conversions

Conversions Part 2

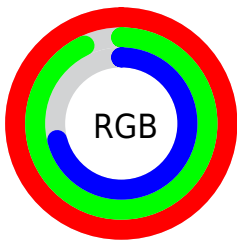
Format	Color
R_{YB}	205, 255, 180
Decimal	16772276
CIE _{Lab}	93.69, -1.74, 29.54
CIE _{LCh}	94, 29.587, 93.375
Yxy	84.5462, 0.3623, 0.3855
Android (android.graphics.Color)	4294962356 (0xFFFFE0B4)
YUV	235.2970, -27.2614, 17.2795
Hunter-Lab	91.9490, -6.6290, 28.6994

Details

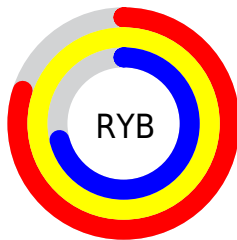
The XYZ color **79.4737, 84.5462, 55.3104** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **57.2954, 57.7685, 102.7384**, and the grayscale version is **79.3793, 83.5132, 90.9459**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **43.1780, 46.0451, 26.6905** is the 20% darker color. If you saturate the color by 10%, you get **75.2860, 79.9525, 42.2560**, and if you desaturate by 10%, it is **84.2107, 89.4732, 70.9076**.

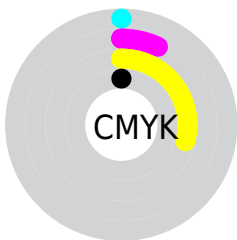
Distribution



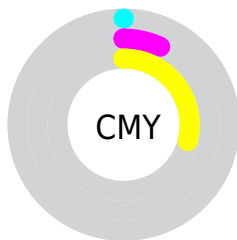
- Red (100%)
- Green (93%)
- Blue (71%)



- Red (80%)
- Yellow (100%)
- Blue (71%)



- Cyan (0%)
- Magenta (7%)
- Yellow (29%)
- Black (0%)



- Cyan (0%)
- Magenta (7%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.4737, 84.5462, 55.3104 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 79.4737, 84.5462, 55.3104 by changing the saturation by 10% instead.


 79.4737, 84.5462,
55.3104

 79.4737, 84.5462,
55.3104


481.9210,
510.1253, 424.4025

 59.5923, 63.4665,
39.2500


 131.5799,
139.7390, 99.4713

 43.3383, 46.2187,
26.6450


164.5355,
174.6208, 128.4089

 30.3463, 32.4184,
17.0767


202.5799,
214.8722, 162.4760

 20.2510, 21.6813,
10.1266

246.0784,
260.8774, 202.0911

 12.6869, 13.6229,
5.3763

295.3964,
313.0210, 247.6727

 7.2888, 7.8589,
2.4071

350.8993,

 3.6913, 4.0048,

371.6872, 299.6395

0.7903

412.9524,
437.2605, 358.4099

■ 1.5290, 1.6762,
0.0000

■ 0.3455, 0.4082,
0.0000

■ 79.4737, 84.5462,
55.3104

■ 79.4737, 84.5462,
55.3104

■ 75.2860, 79.9525,
42.2560

■ 84.2107, 89.4732,
70.9076

■ 71.6144, 75.6687,
31.6007

■ 89.5158, 94.7331,
89.1703

■ 68.4317, 71.6858,
23.1945

95.0500, 100.0000,
108.9000

■ 65.7049, 67.9894,
16.8684

■ 63.3967, 64.5635,
12.4291

■ 61.4628, 61.3891,
9.6469

■ 59.8355, 58.4379,
8.1691

■ 59.7445, 58.2691,
8.0982

Harmonies

Analogous

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



87.3110, 84.5462, 58.5818



79.4737, 84.5462, 55.3104



72.3417, 84.5462, 60.4839

Triad

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



79.4737, 84.5462, 55.3104



68.4070, 84.5462, 117.9295



94.6139, 84.5462, 112.8086

Complementary

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



79.4737, 84.5462, 55.3104



57.2954, 57.7685, 102.7384

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.



88.9470, 84.5462, 133.0568



79.4737, 84.5462, 55.3104



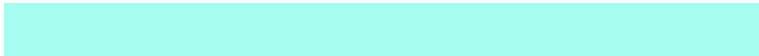
73.7855, 84.5462, 136.3352

Square

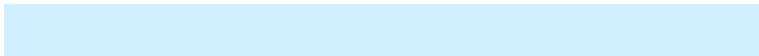
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.4737, 84.5462, 55.3104



66.2196, 84.5462, 94.6237



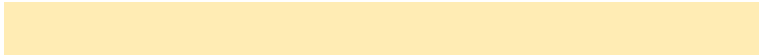
81.2501, 84.5462, 142.2749



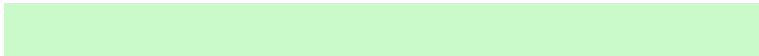
96.3793, 84.5462, 89.5361

Rectangle

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



79.4737, 84.5462, 55.3104



68.8488, 84.5462, 68.6115



81.2501, 84.5462, 142.2749



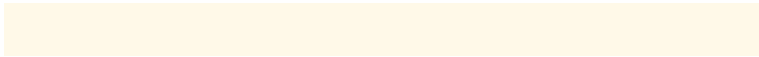
93.0847, 84.5462, 120.3129

Sweetspot

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



79.4757, 84.5500, 55.3122



89.7464, 94.9566, 89.9795



67.9872, 58.0736, 62.2706



19.0357, 20.1558, 18.6505



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.



79.4757, 84.5500, 55.3122



77.0685, 81.9410, 47.7105



79.0909, 92.9062, 56.9454



19.1489, 20.2659, 19.0468



31.3435, 30.6982, 4.2734



3.1390, 3.1634, 0.4451

Inverse Universe

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



57.2954, 57.7685, 102.7384



51.7823, 51.4175, 101.8031



57.5293, 51.8016, 101.5743



17.3768, 18.1252, 22.8326



10.5063, 5.9223, 50.0240



1.1058, 0.7422, 4.8983

Previews

White Background



This preview shows how the XYZ color 79.4737, 84.5462, 55.3104 looks on a white background.

Color Contrast Check

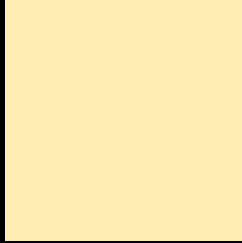
Large Text (above 18pt) WCAG AA × Fail

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 79.4737, 84.5462, 55.3104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

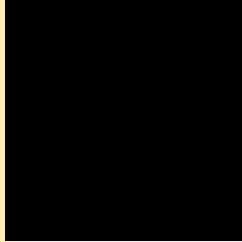
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.4737, 84.5462, 55.3104

Background



This preview shows how black text looks on a background with the XYZ color 79.4737, 84.5462, 55.3104.



This preview shows how white text looks on a background with the XYZ color 79.4737, 84.5462,

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

79.4737, 84.5462, 55.3104

Protanopia

79.0304, 84.7463, 55.3723

Deuteranopia

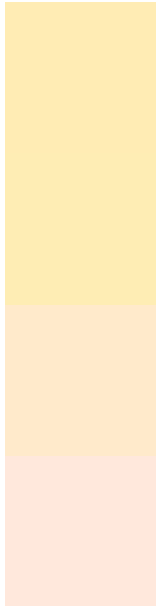
82.7736, 84.4957, 76.9124



Tritanopia

85.7145, 84.3247, 96.5527

Trichromacy



Original Color

79.4737, 84.5462, 55.3104

Protanomaly

79.3955, 84.9345, 55.3894

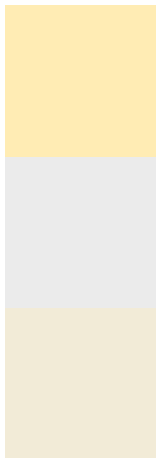
Deuteranomaly

81.4423, 84.4174, 68.5016

Tritanomaly

83.0149, 84.1405, 79.5755

Monochromacy



Original Color

79.4737, 84.5462, 55.3104

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.5920, 83.2002, 76.2070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4737, 84.5462, 55.3104 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, 236, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 236, 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(255, 236, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 236, 180) }
```

Border

The CSS property to change the border of an element to XYZ 79.4737, 84.5462, 55.3104 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, 236, 180) }
```


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

```
.border{ border-color:rgb(255, 236, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 236, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 236, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 236, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 236,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4737, 84.5462, 55.3104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 236, 180) }
```

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

```
.background{ background-color: rgb(255,  
236, 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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