

Converting Colors

XYZ(79.5981, 84.8442, 55.2001)

Have a look what the booklet for
XYZ(79.5981, 84.8442, 55.2001)
contains.

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Color

**XYZ(79.7624, 85.1237,
55.4066)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEDB4
RGB	255, 237, 180
RGB Percent	100%, 93%, 71%
CMY	0.0000, 0.0706, 0.2941
CMYK	0.00, 0.07, 0.29, 0.00
HSL	46°, 100%, 85%
HSV	46°, 29%, 100%
XYZ	79.7624, 85.1237, 55.4066
YIQ	235.8840, 29.0250, -13.9110

Conversions

Conversions Part 2

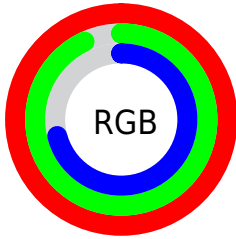
Format	Color
RYB	204, 255, 180
Decimal	16772532
CIELab	93.94, -2.25, 29.87
CIELCh	94, 29.957, 94.300
Yxy	85.1237, 0.3621, 0.3864
Android (android.graphics.Color)	4294962612 (0xFFFFEDB4)
YUV	235.8840, -27.5508, 16.7647
Hunter-Lab	92.2625, -7.1433, 28.9782

Details

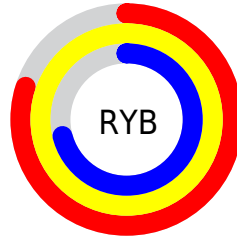
The XYZ color **79.7624, 85.1237, 55.4066** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **57.0660, 57.3097, 102.6619**, and the grayscale version is **79.8305, 83.9879, 91.4628**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **43.3806, 46.4504, 26.7581** is the 20% darker color. If you saturate the color by 10%, you get **75.6594, 80.6993, 42.3804**, and if you desaturate by 10%, it is **84.4080, 89.8678, 70.9734**.

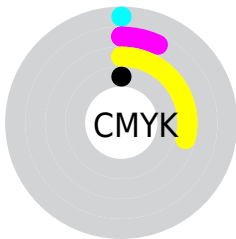
Distribution



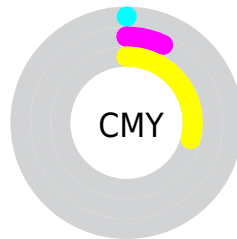
- Red (100%)
- Green (93%)
- Blue (71%)



- 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 79.7624, 85.1237, 55.4066 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 79.7624, 85.1237, 55.4066 by changing the saturation by 10% instead.


 79.7624, 85.1237,
55.4066

 79.7624, 85.1237,
55.4066


482.8805,
512.0373, 424.7767

 59.8306, 63.9436,
39.3266


 131.9839,
140.5460, 99.6135

 43.5311, 46.6050,
26.7041


165.0044,
175.5570, 128.5775

 30.4984, 32.7235,
17.1206


203.1184,
215.9470, 162.6733

 20.3671, 21.9147,
10.1577

246.6915,
262.1005, 202.3192

 12.7720, 13.7942,
5.3967

296.0889,
314.4019, 247.9340

 7.3476, 7.9777,
2.4190

351.6759,

 3.7287, 4.0807,

373.2356, 299.9362

0.7968

413.8180,
438.9859, 358.7442

■ 1.5498, 1.7188,
0.0000

■ 0.3594, 0.4358,
0.0000

■ 79.7624, 85.1237,
55.4066

■ 79.7624, 85.1237,
55.4066

■ 75.6594, 80.6993,
42.3804

■ 84.4080, 89.8678,
70.9734

■ 72.0658, 76.5715,
31.7511

■ 89.6148, 94.9310,
89.2032

■ 68.9545, 72.7314,
23.3688

95.0500, 100.0000,
108.9000

■ 66.2926, 69.1649,
17.0643

■ 64.0430, 65.8561,
12.6445

■ 62.1614, 62.7863,
9.8797

■ 60.5803, 59.9274,
8.4174

■ 60.4919, 59.7637,
8.3473

Harmonies

Analogous

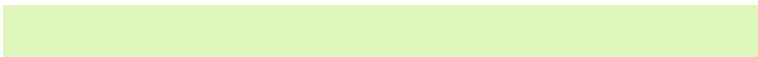
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.7459, 85.1237, 58.4581



79.7624, 85.1237, 55.4066



72.5648, 85.1237, 60.9152

Triad

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



79.7624, 85.1237, 55.4066



68.8818, 85.1237, 119.7212



95.5369, 85.1237, 113.0787

Complementary

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



79.7624, 85.1237, 55.4066



57.0660, 57.3097, 102.6619

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.



89.8664, 85.1237, 133.9351



79.7624, 85.1237, 55.4066



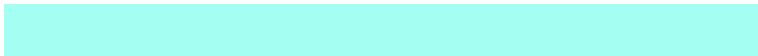
74.4340, 85.1237, 138.1912

Square

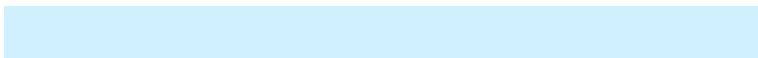
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.7624, 85.1237, 55.4066



66.5504, 85.1237, 96.0196



82.0636, 85.1237, 143.7769



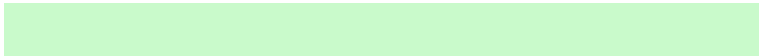
97.1939, 85.1237, 89.4290

Rectangle

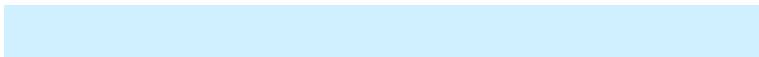
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.7624, 85.1237, 55.4066



69.0751, 85.1237, 69.3334



82.0636, 85.1237, 143.7769



94.0194, 85.1237, 120.7673

Sweetspot

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



79.7645, 85.1275, 55.4084



89.8411, 95.1461, 90.0111



67.8417, 58.0154, 61.5042



19.0591, 20.2027, 18.6583



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

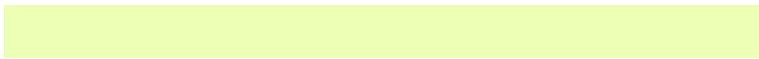
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.7645, 85.1275, 55.4084



77.4054, 82.6148, 47.8228



78.6738, 92.6912, 56.9258



19.1702, 20.3087, 19.0539



31.7301, 31.4715, 4.4022



3.1738, 3.2329, 0.4567

Inverse Universe

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



57.0660, 57.3097, 102.6619



51.5284, 50.9098, 101.7185



57.8590, 51.9715, 101.5898



17.3568, 18.0852, 22.8259



10.4040, 5.7176, 49.9898



1.0933, 0.7174, 4.8941

Previews

White Background



This preview shows how the XYZ color 79.7624, 85.1237, 55.4066 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 79.7624, 85.1237, 55.4066 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 79.7624, 85.1237, 55.4066

Background



This preview shows how black text looks on a background with the XYZ color 79.7624, 85.1237, 55.4066.



This preview shows how white text looks on a background with the XYZ color 79.7624, 85.1237,

55.4066.

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

79.7624, 85.1237, 55.4066

Protanopia

79.3955, 84.9345, 55.3894

Deuteranopia

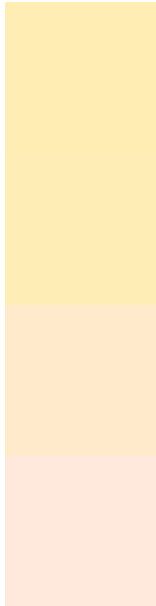
83.3177, 85.1676, 78.3773



Tritanopia

85.9936, 84.8829, 96.6457

Trichromacy



Original Color

79.7624, 85.1237, 55.4066

Protanomaly

79.3955, 84.9345, 55.3894

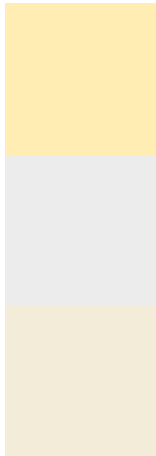
Deuteranomaly

81.8474, 85.0363, 69.2266

Tritanomaly

83.2972, 84.7051, 79.6696

Monochromacy



Original Color

79.7624, 85.1237, 55.4066

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.3523, 84.0035, 76.9977

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.7624, 85.1237, 55.4066 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 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, 237, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 180) }
```

Border

The CSS property to change the border of an element to XYZ 79.7624, 85.1237, 55.4066 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, 180) }
```


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

```
.border{ border-color:rgb(255, 237, 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, 237, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7624, 85.1237, 55.4066 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, 180) }
```

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

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