

Converting Colors

XYZ(94.8007, 100.0000,
64.2442)

Have a look what the booklet for
XYZ(94.8007, 100.0000, 64.2442)
contains.

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Color

**XYZ(85.8797, 95.3163,
63.7407)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFDC0
RGB	255, 253, 192
RGB Percent	100%, 99%, 75%
CMY	0.0000, 0.0078, 0.2471
CMYK	0.00, 0.01, 0.25, 0.00
HSL	58°, 100%, 88%
HSV	58°, 25%, 100%
XYZ	85.8797, 95.3163, 63.7407
YIQ	246.6440, 20.7730, -18.5470

Conversions

Conversions Part 2

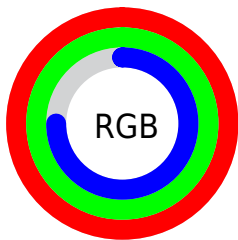
Format	Color
RYB	194, 255, 192
Decimal	16776640
CIELab	98.16, -8.69, 29.52
CIELCh	98, 30.772, 106.403
Yxy	95.3163, 0.3506, 0.3891
Android (android.graphics.Color)	4294966720 (0xFFFFFDC0)
YUV	246.6440, -26.9395, 7.3282
Hunter-Lab	97.6301, -13.8362, 29.6318

Details

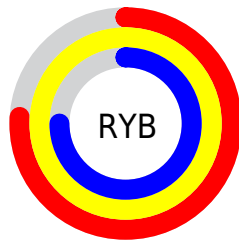
The XYZ color **85.8797, 95.3163, 63.7407** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **59.0797, 57.0085, 102.4976**, and the grayscale version is **88.3209, 92.9205, 101.1904**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **47.6161, 53.3206, 31.8270** is the 20% darker color. If you saturate the color by 10%, you get **83.0422, 93.7778, 50.0426**, and if you desaturate by 10%, it is **89.2124, 97.0612, 80.0214**.

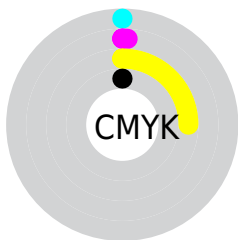
Distribution



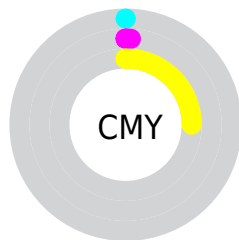
- Red (100%)
- Green (99%)
- Blue (75%)



- Red (76%)
- Yellow (100%)
- Blue (75%)



- Cyan (0%)
- Magenta (1%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.8797, 95.3163, 63.7407 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 85.8797, 95.3163, 63.7407 by changing the saturation by 10% instead.


 85.8797, 95.3163,
63.7407

 85.8797, 95.3163,
63.7407


502.9744,
545.1771, 456.4344

 64.8934, 72.3983,
45.9958


 140.5093,
154.7015, 111.8333

 47.6391, 53.4841,
31.8939


174.8833,
191.9375, 143.0181

 33.7512, 38.1893,
21.0163


214.4507,
234.7149, 179.5200

 22.8645, 26.1297,
12.9446

259.5767,
283.4181, 221.7575

 14.6136, 16.9207,
7.2601

310.6267,
338.4315, 270.1491

 8.6332, 10.1780,
3.5444

367.9661,

 4.5579, 5.5171,

400.1396, 325.1135

1.3789

431.9602,
468.9266, 387.0691

■ 2.0224, 2.5537,
0.1252

■ 0.6465, 0.9035,
0.0000

■ 85.8797, 95.3163,
63.7407

■ 85.8797, 95.3163,
63.7407

■ 83.0422, 93.7778,
50.0426

■ 89.2124, 97.0612,
80.0214

■ 80.6678, 92.4230,
38.7880

■ 93.0570, 99.0092,
99.0019

■ 78.7313, 91.2451,
29.8341

95.0500, 100.0000,
108.9000

■ 77.2024, 90.2319,
23.0209

■ 76.0467, 89.3697,
18.1678

■ 75.2243, 88.6426,
15.0646

■ 74.6862, 88.0309,
13.4533

■ 74.4795, 87.7390,
13.0098

Harmonies

Analogous

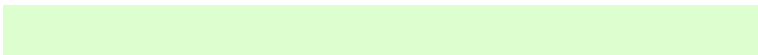
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.6499, 95.3163, 63.2958



85.8797, 95.3163, 63.7407



78.8351, 95.3163, 73.7055

Triad

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



85.8797, 95.3163, 63.7407



79.3730, 95.3163, 143.1780



108.1401, 95.3163, 115.6521

Complementary

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



85.8797, 95.3163, 63.7407



59.0797, 57.0085, 102.4976

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.



103.4704, 95.3163, 141.0986



85.8797, 95.3163, 63.7407



86.6581, 95.3163, 158.6501

Square

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



85.8797, 95.3163, 63.7407



75.2490, 95.3163, 118.1455



95.4804, 95.3163, 157.8325



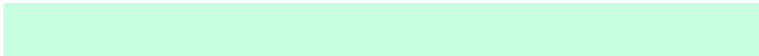
107.8978, 95.3163, 90.6348

Rectangle

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



85.8797, 95.3163, 63.7407



75.8953, 95.3163, 85.4921



95.4804, 95.3163, 157.8325



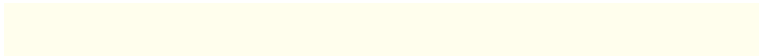
107.0804, 95.3163, 124.5132

Sweetspot

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



85.8820, 95.3205, 63.7427



92.1281, 98.5433, 94.4008



69.8392, 62.8599, 59.5514



19.6679, 21.0665, 19.9519



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

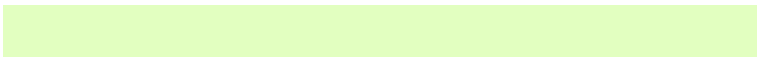
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.8820, 95.3205, 63.7427



84.3187, 94.4796, 56.1755



76.5137, 91.4302, 63.4856



19.5090, 20.9863, 19.1668



38.9392, 45.8896, 6.8053



3.8062, 4.4979, 0.6676

Inverse Universe

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



59.0797, 57.0085, 102.4976



53.0328, 49.7598, 101.4172



66.8412, 60.3555, 102.7346



17.0491, 17.4698, 22.7234



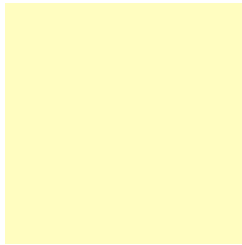
9.4972, 3.9040, 49.6876



0.9402, 0.4111, 4.8431

Previews

White Background



This preview shows how the XYZ color 85.8797, 95.3163, 63.7407 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 85.8797, 95.3163, 63.7407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

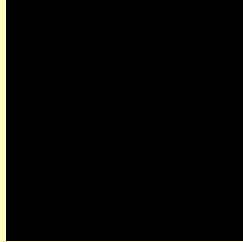
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.8797, 95.3163, 63.7407

Background



This preview shows how black text looks on a background with the XYZ color 85.8797, 95.3163, 63.7407.



This preview shows how white text looks on a background with the XYZ color 85.8797, 95.3163,

63.7407.

Color Blindness Simulation

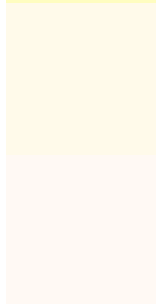
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

85.8797, 95.3163, 63.7407



Protanopia

90.2769, 95.5717, 91.5310

Deuteranopia

91.4448, 95.5430, 99.2099

Tritanopia

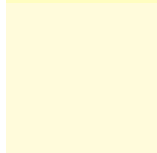
92.8574, 95.6148, 108.1691

Trichromacy



Original Color

85.8797, 95.3163, 63.7407



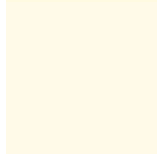
Protanomaly

88.5234, 95.3688, 80.7602



Deuteranomaly

89.0162, 95.0675, 84.8924



Tritanomaly

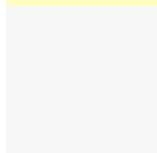
89.9911, 95.4574, 90.0260

Monochromacy



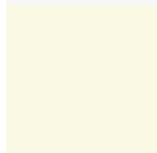
Original Color

85.8797, 95.3163, 63.7407



Achromatopsia

88.4070, 93.0111, 101.2891



Achromatomaly

87.1652, 93.6214, 86.1497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.8797, 95.3163, 63.7407 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, 253, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 192)  
}
```

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, 253, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 192) }
```

Border

The CSS property to change the border of an element to XYZ 85.8797, 95.3163, 63.7407 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, 253, 192) }
```


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

```
.border{ border-color:rgb(255, 253, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 253, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 85.8797, 95.3163, 63.7407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 253, 192) }
```

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

```
.background{ background-color: rgb(255,  
253, 192) }
```

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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