

Converting Colors

XYZ(98.0992, 100.0000,
65.1320)

Have a look what the booklet for
XYZ(98.0992, 100.0000, 65.1320)
contains.

XYZ(85.1632, 93.5263, 64.6027)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(85.1632, 93.5263,
64.6027)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFAC2
RGB	255, 250, 194
RGB Percent	100%, 98%, 76%
CMY	0.0000, 0.0196, 0.2392
CMYK	0.00, 0.02, 0.24, 0.00
HSL	55°, 100%, 88%
HSV	55°, 24%, 100%
XYZ	85.1632, 93.5263, 64.6027
YIQ	245.1110, 20.9560, -16.3560

Conversions

Conversions Part 2

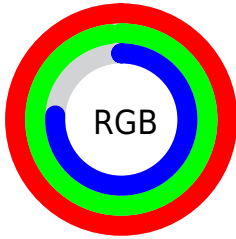
Format	Color
RYB	199, 255, 194
Decimal	16775874
CIELab	97.44, -6.94, 27.53
CIELCh	97, 28.390, 104.146
Yxy	93.5263, 0.3500, 0.3844
Android (android.graphics.Color)	4294965954 (0xFFFFFAC2)
YUV	245.1110, -25.1977, 8.6727
Hunter-Lab	96.7090, -12.0513, 28.0899

Details

The XYZ color **85.1632, 93.5263, 64.6027** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **60.7211, 59.5344, 102.8987**, and the grayscale version is **87.0670, 91.6013, 99.7538**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **47.3141, 52.4828, 32.4474** is the 20% darker color. If you saturate the color by 10%, you get **81.8973, 91.1909, 50.5767**, and if you desaturate by 10%, it is **88.9324, 96.0809, 81.2232**.

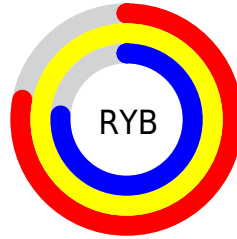
Distribution



Red (100%)

Green (98%)

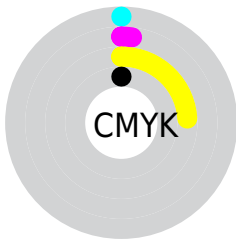
Blue (76%)



Red (78%)

Yellow (100%)

Blue (76%)

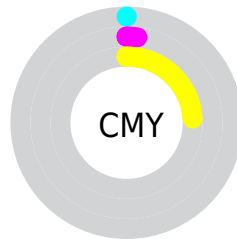


Cyan (0%)

Magenta (2%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (2%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.1632, 93.5263, 64.6027 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 85.1632, 93.5263, 64.6027 by changing the saturation by 10% instead.


 85.1632, 93.5263,
64.6027

 85.1632, 93.5263,
64.6027


500.6435,
539.4363, 459.6299

 64.2992, 70.9090,
46.6897


 139.5140,
152.2271, 113.0863

 47.1556, 52.2680,
32.4378


173.7315,
189.0793, 144.4939

 33.3672, 37.2187,
21.4286


213.1309,
231.4454, 181.2369

 22.5684, 25.3769,
13.2433

258.0775,
279.7096, 223.7336

 14.3941, 16.3581,
7.4636

308.9368,
334.2564, 272.4028

 8.4788, 9.7779,
3.6709

366.0739,

 4.4572, 5.2519,

395.4702, 327.6629

1.4466

429.8544,
463.7353, 389.9324

■ 1.9639, 2.3958,
0.1777

■ 0.6136, 0.8237,
0.0000

■ 85.1632, 93.5263,
64.6027

■ 85.1632, 93.5263,
64.6027

■ 81.8973, 91.1909,
50.5767

■ 88.9324, 96.0809,
81.2232

■ 79.1026, 89.0523,
39.0071

■ 93.2212, 98.8516,
100.5549

■ 76.7542, 87.1036,
29.7521

95.0500, 100.0000,
108.9000

■ 74.8219, 85.3327,
22.6530

■ 73.2716, 83.7260,
17.5311

■ 72.0641, 82.2677,
14.1791

■ 71.1511, 80.9385,
12.3436

■ 70.6984, 80.1768,
11.7495

Harmonies

Analogous

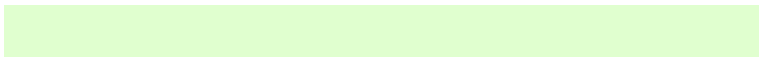
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.1913, 93.5263, 64.8556



85.1632, 93.5263, 64.6027



78.5398, 93.5263, 73.2133

Triad

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



85.1632, 93.5263, 64.6027



78.2397, 93.5263, 135.9475



104.6362, 93.5263, 114.4352

Complementary

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



85.1632, 93.5263, 64.6027



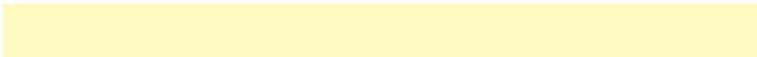
60.7211, 59.5344, 102.8987

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.



100.1203, 93.5263, 137.0838



85.1632, 93.5263, 64.6027



84.7307, 93.5263, 150.7256

Square

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



85.1632, 93.5263, 64.6027



74.7091, 93.5263, 113.0609



92.7321, 93.5263, 151.1703



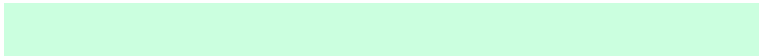
104.7694, 93.5263, 91.3765

Rectangle

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



85.1632, 93.5263, 64.6027



75.6753, 93.5263, 83.6948



92.7321, 93.5263, 151.1703



103.5687, 93.5263, 122.4218

Sweetspot

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



85.1655, 93.5304, 64.6047



91.8436, 97.9744, 94.3060



70.8510, 63.9720, 62.6983



19.6018, 20.9343, 19.9298



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

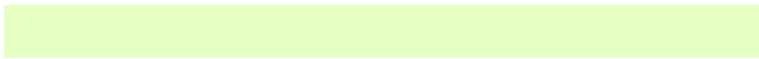
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.1655, 93.5304, 64.6047



83.4447, 92.3164, 57.1638



77.9977, 92.1694, 64.7198



19.4265, 20.8212, 19.1393



36.9946, 42.0004, 6.1571



3.6381, 4.1616, 0.6115

Inverse Universe

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



60.7211, 59.5344, 102.8987



54.9101, 52.6345, 101.8731



66.6816, 60.9295, 102.8538



17.1225, 17.6166, 22.7478



9.6118, 4.1331, 49.7258



0.9750, 0.4806, 4.8547

Previews

White Background



This preview shows how the XYZ color 85.1632, 93.5263, 64.6027 looks on a white background.

Color Contrast Check

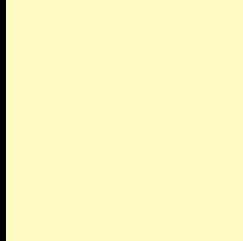
Large Text (above 18pt) WCAG AA × Fail

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 85.1632, 93.5263, 64.6027 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 85.1632, 93.5263, 64.6027

Background



This preview shows how black text looks on a background with the XYZ color 85.1632, 93.5263, 64.6027.

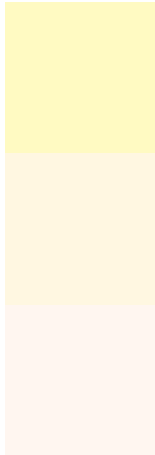


This preview shows how white text looks on a background with the XYZ color 85.1632, 93.5263,

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

85.1632, 93.5263, 64.6027

Protanopia

88.0914, 93.2178, 84.5841

Deuteranopia

89.9239, 93.4628, 95.7387



Tritanopia

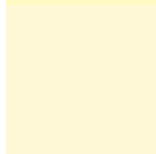
91.6220, 93.6567, 106.1771

Trichromacy



Original Color

85.1632, 93.5263, 64.6027



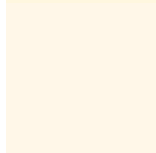
Protanomaly

86.9450, 93.2498, 77.0349



Deuteranomaly

87.8200, 93.1092, 83.1553



Tritanomaly

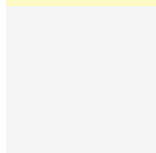
89.0663, 93.6077, 89.7177

Monochromacy



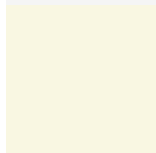
Original Color

85.1632, 93.5263, 64.6027



Achromatopsia

86.7900, 91.3099, 99.4364



Achromatomaly

86.0552, 92.1523, 85.2031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.1632, 93.5263, 64.6027 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, 250, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 194)  
}
```

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, 250, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 194) }
```

Border

The CSS property to change the border of an element to XYZ 85.1632, 93.5263, 64.6027 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, 250, 194) }
```


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

```
.border{ border-color:rgb(255, 250, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 250, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 85.1632, 93.5263, 64.6027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 250, 194) }
```

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

```
.background{ background-color: rgb(255,  
250, 194) }
```

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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