

# Converting Colors

XYZ(84.0212, 95.0439, 54.2831)

Have a look what the booklet for  
XYZ(84.0212, 95.0439, 54.2831)  
contains.

<b>XYZ(84.0527, 95.0496, 54.4738)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(84.0527, 95.0496,  
54.4738)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEFEAF
RGB	254, 254, 175
RGB Percent	100%, 100%, 69%
CMY	0.0039, 0.0039, 0.3137
CMYK	0.00, 0.00, 0.31, 0.00
HSL	60°, 98%, 84%
HSV	60°, 31%, 100%
XYZ	84.0527, 95.0496, 54.4738
YIQ	244.9940, 25.3590, -24.5690

# Conversions

## Conversions Part 2

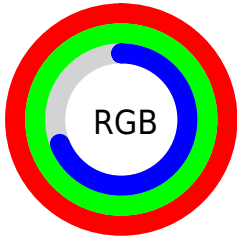
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	175, 254, 175
Decimal	16711343
CIE <sub>Lab</sub>	98.05, -11.68, 37.87
CIE <sub>LCh</sub>	98, 39.633, 107.144
Yxy	95.0496, 0.3599, 0.4069
Android (android.graphics.Color)	4294901423 (0xFFFEFEAF)
YUV	244.9940, -34.5070, 7.8983
Hunter-Lab	97.4934, -16.7219, 35.1175

# Details

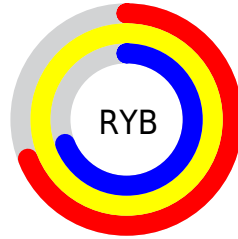
The XYZ color **84.0527, 95.0496, 54.4738** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **50.9021, 46.9321, 100.1474**, and the grayscale version is **87.0429, 91.5759, 99.7262**.

A 20% lighter version of the original color is **91.4238, 98.5495, 89.8047**, and **46.2441, 53.0734, 26.2192** is the 20% darker color. If you saturate the color by 10%, you get **81.7892, 94.1475, 42.5479**, and if you desaturate by 10%, it is **86.7903, 96.1480, 68.8751**.

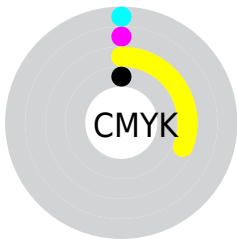
# Distribution



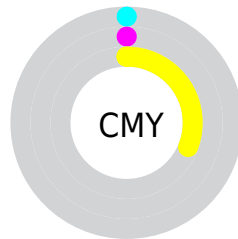
- Red (100%)
- Green (100%)
- Blue (69%)



- Red (69%)
- Yellow (100%)
- Blue (69%)



- Cyan (0%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)




- Cyan (0%)
- Magenta (0%)
- Yellow (31%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 84.0527, 95.0496, 54.4738 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 84.0527, 95.0496, 54.4738 by changing the saturation by 10% instead.




 84.0527, 95.0496,  
54.4738

 84.0527, 95.0496,  
54.4738


497.0192,  
544.3238, 421.1398

 63.3788, 72.1763,  
38.5848


 137.9698,  
154.3331, 98.2330

 46.4075, 53.3027,  
26.1316


171.9437,  
191.5121, 126.9402

 32.7735, 38.0444,  
16.6954


211.0816,  
234.2284, 160.7574

 22.1114, 26.0172,  
9.8579

255.7489,  
282.8664, 200.1029

 14.0558, 16.8365,  
5.2005

306.3110,  
337.8106, 245.3954

 8.2415, 10.1180,  
2.3046

363.1331,

 4.3029, 5.4773,

399.4453, 297.0533

0.7338

426.5808,  
468.1549, 355.4953

■ 1.8749, 2.5299,  
0.0000

■ 0.5622, 0.8916,  
0.0000

■ 84.0527, 95.0496,  
54.4738

■ 84.0527, 95.0496,  
54.4738

■ 81.7892, 94.1475,  
42.5479

■ 86.7903, 96.1480,  
68.8751

■ 79.9663, 93.4182,  
32.9524

■ 90.0191, 97.4397,  
85.8737

■ 78.5573, 92.8545,  
25.5368

■ 93.7641, 98.9378,  
105.5909

■ 77.5298, 92.4434,  
20.1302

■ 94.3700, 99.1802,  
108.7776

■ 76.8467, 92.1701,  
16.5366

94.3708, 99.1806,  
108.7776

■ 76.4631, 92.0166,  
14.5206

94.3716, 99.1810,  
108.7777

■ 76.3117, 91.9559,  
13.7272

94.3723, 99.1814,  
108.7777

94.3731, 99.1818,  
108.7777

94.3738, 99.1822,  
108.7778

# Harmonies

## Analogous

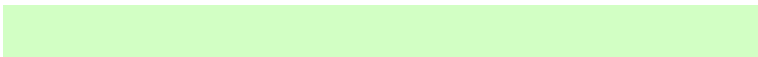
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.2910, 95.0496, 53.6875



84.0527, 95.0496, 54.4738



75.2522, 95.0496, 66.4991

# Triad

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



84.0527, 95.0496, 54.4738



76.2805, 95.0496, 156.4775



113.3623, 95.0496, 118.0495

# Complementary

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



84.0527, 95.0496, 54.4738



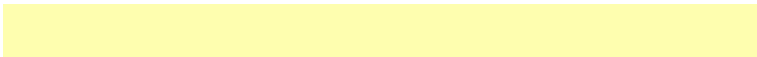
50.9021, 46.9321, 100.1474

# 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.



107.3246, 95.0496, 152.1557



84.0527, 95.0496, 54.4738



85.5670, 95.0496, 177.2740

# Square

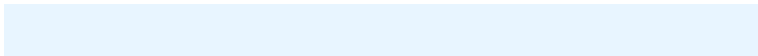
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.0527, 95.0496, 54.4738



71.0299, 95.0496, 123.0569



96.9370, 95.0496, 175.5445



112.8706, 95.0496, 86.1207

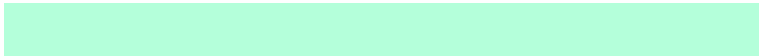


# Rectangle

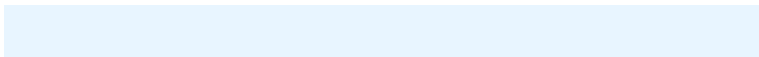
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.0527, 95.0496, 54.4738



71.6661, 95.0496, 81.0405



96.9370, 95.0496, 175.5445



112.0091, 95.0496, 129.7506

# Sweetspot

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



84.0551, 95.0539, 54.4758



91.5719, 98.6087, 90.5882



63.9440, 54.8282, 47.7714



19.4885, 21.0616, 18.8015



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

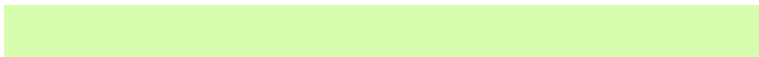
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.0551, 95.0539, 54.4758



83.3993, 95.3394, 47.5633



71.0611, 88.3552, 53.8677



19.5612, 21.0907, 19.1843



40.2302, 48.4775, 7.2367



3.9171, 4.7201, 0.7046



# Inverse Universe

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



50.9021, 46.9321, 100.1474



45.3628, 40.1291, 99.9626



61.1000, 52.1893, 100.6247



17.0032, 17.3779, 22.7080



9.4317, 3.7727, 49.6657

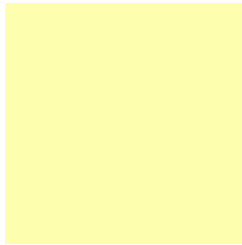


0.9184, 0.3674, 4.8358



# Previews

## White Background



This preview shows how the XYZ color 84.0527, 95.0496, 54.4738 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

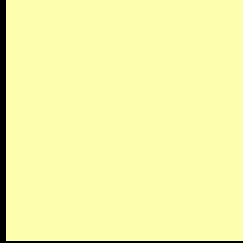
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 84.0527, 95.0496, 54.4738 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 84.0527, 95.0496, 54.4738**

## **Background**



This preview shows how black text looks on a background with the XYZ color 84.0527, 95.0496, 54.4738.



This preview shows how white text looks on a background with the XYZ color 84.0527, 95.0496,

54.4738.

# Color Blindness Simulation

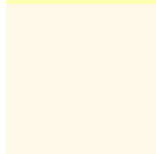
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



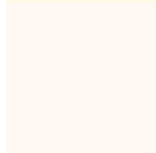
### Original Color

84.0527, 95.0496, 54.4738



### Protanopia

89.5395, 94.7809, 89.1766



### Deuteranopia

90.9851, 94.8659, 98.3095

## **Tritanopia**

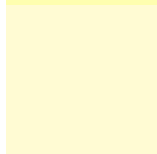
92.3902, 94.9373, 107.2212

# Trichromacy



## Original Color

84.0527, 95.0496, 54.4738



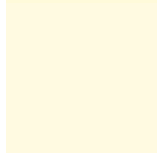
## Protanomaly

87.4951, 94.9575, 75.3452



## Deuteranomaly

88.0805, 94.6932, 79.9649



## Tritanomaly

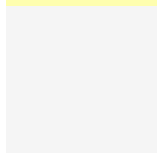
89.0162, 95.0675, 84.8924

# Monochromacy



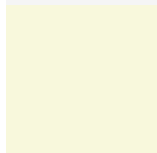
## Original Color

84.0527, 95.0496, 54.4738



## Achromatopsia

86.7900, 91.3099, 99.4364



## Achromatomaly

85.1971, 92.2586, 81.0275

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 84.0527, 95.0496, 54.4738 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(254, 254, 175)` looks like.

```
.text, #text, p{  
    color:rgb(254, 254, 175)  
}
```

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(254, 254, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 254, 175) }
```

## Border

The CSS property to change the border of an element to XYZ 84.0527, 95.0496, 54.4738 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(254, 254, 175) }
```



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

```
.border{ border-color:rgb(254, 254, 175) }
```

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

Here you see how a box with a 4 pixel rgb(254, 254, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 254, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 254, 175);  
box-shadow:4px 4px 4px 4px rgb(254, 254,  
175) }
```

# Background

The CSS property to change the background color of an element to XYZ 84.0527, 95.0496, 54.4738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 254, 175) }
```

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

```
.background{ background-color: rgb(254,  
254, 175) }
```

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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