

Converting Colors

XYZ(84.3838, 95.0260, 84.7001)

Have a look what the booklet for
XYZ(84.3838, 95.0260, 84.7001)
contains.

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Color

**XYZ(84.4744, 95.0790,
84.4208)**

Conversions

Conversions Part 1

Format	Color
Hex	EEFFE0
RGB	238, 255, 224
RGB Percent	93%, 100%, 88%
CMY	0.0667, 0.0000, 0.1216
CMYK	0.07, 0.00, 0.12, 0.00
HSL	93°, 100%, 94%
HSV	93°, 12%, 100%
XYZ	84.4744, 95.0790, 84.4208
YIQ	246.3830, -0.1810, -13.2450

Conversions

Conversions Part 2

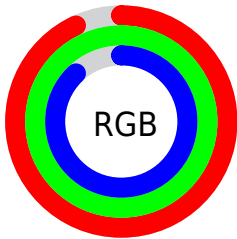
Format	Color
R_{YB}	224, 255, 241
Decimal	15663072
CIE _{Lab}	98.07, -10.93, 12.93
CIE _{LCh}	98, 16.931, 130.218
Yxy	95.0790, 0.3200, 0.3602
Android (android.graphics.Color)	4293853152 (0xFFEEFFE0)
YUV	246.3830, -11.0348, -7.3519
Hunter-Lab	97.5085, -16.0001, 16.9239

Details

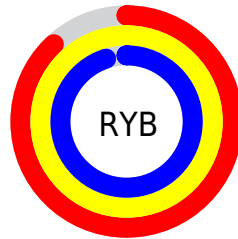
The XYZ color **84.4744, 95.0790, 84.4208** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **80.9821, 79.2333, 105.6331**, and the grayscale version is **87.9935, 92.5760, 100.8152**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.6469, 53.1978, 45.3458** is the 20% darker color. If you saturate the color by 10%, you get **76.7568, 91.4704, 67.3402**, and if you desaturate by 10%, it is **93.0767, 99.0836, 104.2529**.

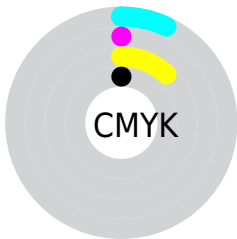
Distribution



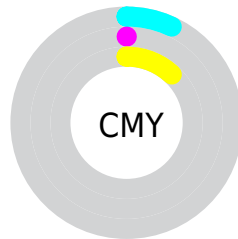
- Red (93%)
- Green (100%)
- Blue (88%)



- Red (88%)
- Yellow (100%)
- Blue (95%)



- Cyan (7%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)





- Cyan (7%)
- Magenta (0%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.4744, 95.0790, 84.4208 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 84.4744, 95.0790, 84.4208 by changing the saturation by 10% instead.


 84.4744, 95.0790,
84.4208

 84.4744, 95.0790,
84.4208

498.3972,
544.4179, 529.8041

 63.7282, 72.2007,
62.8155


138.5564,
154.3737, 141.4306

 46.6914, 53.3227,
45.2519


172.6230,
191.5590, 177.6723

 32.9987, 38.0604,
31.3115


211.8604,
234.2820, 219.6298

 22.2847, 26.0296,
20.5757

256.6339,
282.9273, 267.7216

 14.1840, 16.8458,
12.6260

307.3090,
337.8791, 322.3665

 8.3313, 10.1246,
7.0438

364.2510,

 4.3613, 5.4816,

399.5218, 383.9828

3.4107

427.8253,
468.2400, 452.9892

■ 1.9085, 2.5325,
1.3080

■ 0.5818, 0.8929,
0.0683

■ 84.4744, 95.0790,
84.4208

■ 84.4744, 95.0790,
84.4208

■ 76.7568, 91.4704,
67.3402

■ 93.0767, 99.0836,
104.2529

■ 69.8908, 88.2437,
52.8853

95.0500, 100.0000,
108.9000

■ 63.8437, 85.3847,
40.9267

■ 58.5798, 82.8782,
31.3226

■ 54.0603, 80.7076,
23.9167

■ 50.2424, 78.8546,
18.5340

■ 47.0778, 77.2987,
14.9725

■ 44.5096, 76.0160,
12.9886

■ 42.8514, 75.1758,
12.2519

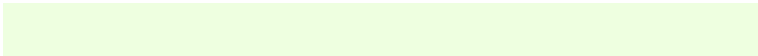
Harmonies

Analogous

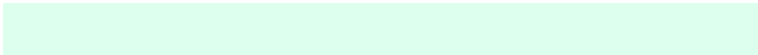
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.7236, 95.0790, 79.3775



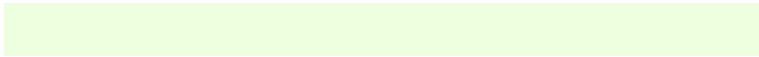
84.4744, 95.0790, 84.4208



81.8661, 95.0790, 94.7369

Triad

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



84.4744, 95.0790, 84.4208



87.2467, 95.0790, 130.7784



99.8727, 95.0790, 98.8536

Complementary

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



84.4744, 95.0790, 84.4208



80.9821, 79.2333, 105.6331

Split Complementary

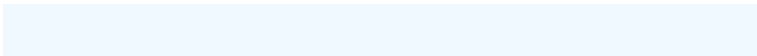
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



99.4427, 95.0790, 112.8402



84.4744, 95.0790, 84.4208



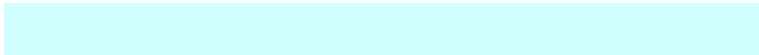
92.0361, 95.0790, 132.1313

Square

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



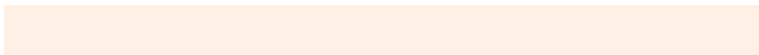
84.4744, 95.0790, 84.4208



83.4266, 95.0790, 121.7673



96.5332, 95.0790, 125.3133



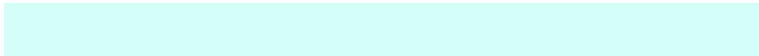
97.6878, 95.0790, 87.2020

Rectangle

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



84.4744, 95.0790, 84.4208



81.3515, 95.0790, 103.6269



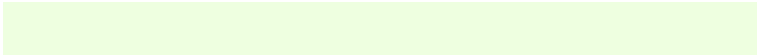
96.5332, 95.0790, 125.3133



100.0310, 95.0790, 103.4229

Sweetspot

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



84.4750, 95.0792, 84.4222



91.4229, 98.3149, 100.3844



86.0124, 89.2771, 83.2213



19.4257, 20.9772, 21.1545



0.0000, 0.0000, 0.0000



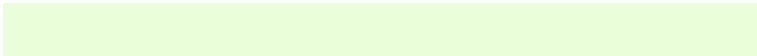
20.3446, 21.4041, 23.3091

Same Dimension

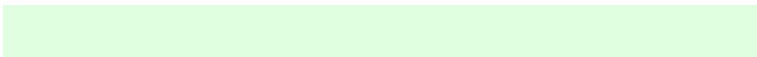
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.4750, 95.0792, 84.4222



82.1915, 94.0133, 79.2897



80.0965, 92.8058, 84.9511



18.5506, 20.5698, 19.1370



22.5573, 39.3668, 6.4097



2.3201, 3.8968, 0.6299

Inverse Universe

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



80.9821, 79.2333, 105.6331



77.9664, 74.8467, 104.9453



85.7802, 81.7260, 104.9916



17.9553, 17.8687, 22.7526



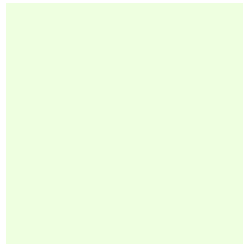
15.2431, 6.7686, 49.9376



1.6101, 0.7239, 4.8681

Previews

White Background



This preview shows how the XYZ color 84.4744, 95.0790, 84.4208 looks on a white background.

Color Contrast Check

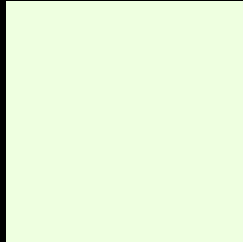
Large Text (above 18pt) WCAG AA × Fail

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 84.4744, 95.0790, 84.4208 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

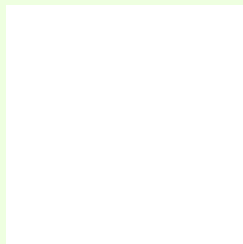
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.4744, 95.0790, 84.4208

Background



This preview shows how black text looks on a background with the XYZ color 84.4744, 95.0790, 84.4208.



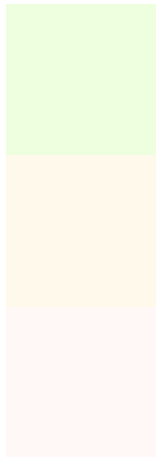
This preview shows how white text looks on a background with the XYZ color 84.4744, 95.0790,

84.4208.

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

84.4744, 95.0790, 84.4208

Protanopia

90.1111, 95.0095, 92.1866

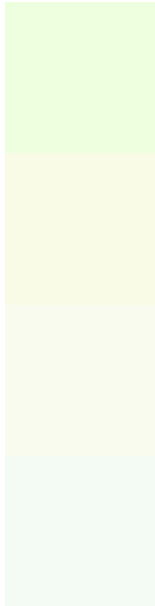
Deuteranopia

91.4420, 95.0486, 100.7155

Tritanopia

90.6371, 94.9278, 108.1536

Trichromacy



Original Color

84.4744, 95.0790, 84.4208

Protanomaly

87.9879, 94.9036, 89.2821

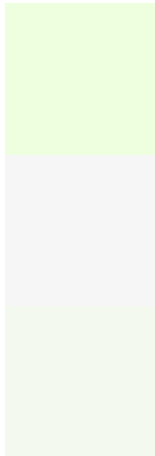
Deuteranomaly

88.9967, 95.3071, 94.5944

Tritanomaly

88.1345, 94.7591, 99.2331

Monochromacy



Original Color

84.4744, 95.0790, 84.4208

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

86.2704, 92.9791, 94.2887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.4744, 95.0790, 84.4208 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(238, 255, 224)` looks like.

```
.text, #text, p{  
    color:rgb(238, 255, 224)  
}
```

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(238, 255, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 255, 224) }
```

Border

The CSS property to change the border of an element to XYZ 84.4744, 95.0790, 84.4208 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(238, 255, 224) }
```


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

```
.border{ border-color:rgb(238, 255, 224) }
```

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

Here you see how a box with a 4 pixel rgb(238, 255, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 255, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 255, 224);  
box-shadow:4px 4px 4px 4px rgb(238, 255,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 84.4744, 95.0790, 84.4208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 255, 224) }
```

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

```
.background{ background-color: rgb(238,  
255, 224) }
```

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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