

Converting Colors

XYZ(97.1176, 100.0000,
95.3403)

Have a look what the booklet for
XYZ(97.1176, 100.0000, 95.3403)
contains.

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Color

**XYZ(91.4830, 97.0539,
94.8005)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFCEE
RGB	255, 252, 238
RGB Percent	100%, 99%, 93%
CMY	0.0000, 0.0117, 0.0667
CMYK	0.00, 0.01, 0.07, 0.00
HSL	49°, 100%, 97%
HSV	49°, 7%, 100%
XYZ	91.4830, 97.0539, 94.8005
YIQ	251.3010, 6.2820, -3.7180

Conversions

Conversions Part 2

Format	Color
R _Y B	242, 255, 238
Decimal	16776430
CIE Lab	98.85, -1.37, 7.04
CIE LCh	99, 7.172, 101.014
Yxy	97.0539, 0.3229, 0.3425
Android (android.graphics.Color)	4294966510 (0xFFFFFCEE)
YUV	251.3010, -6.5574, 3.2440
Hunter-Lab	98.5159, -6.6458, 11.9072

Details

The XYZ color 91.4830, 97.0539, 94.8005 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 84.7645, 88.3054, 107.1848, and the grayscale version is 91.9959, 96.7868, 105.4009.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 51.2473, 54.4134, 52.0578 is the 20% darker color. If you saturate the color by 10%, you get 86.6056, 92.8759, 75.9820, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

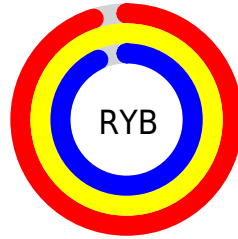
Distribution



Red (100%)

Green (99%)

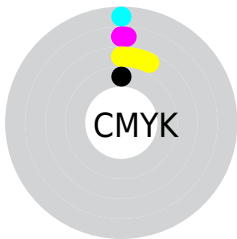
Blue (93%)



Red (95%)

Yellow (100%)

Blue (93%)

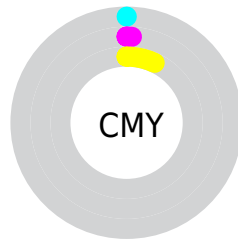


Cyan (0%)

Magenta (1%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (1%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 91.4830, 97.0539, 94.8005 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 91.4830, 97.0539, 94.8005 by changing the saturation by 10% instead.


 91.4830, 97.0539,
94.8005

 91.4830, 97.0539,
94.8005


521.0095,
550.7196, 564.4941

 69.5516, 73.8456,
71.3730


148.2646,
157.0991, 155.9822

 51.4393, 54.6677,
52.1629

183.8454,
194.7048, 194.5734

 36.7808, 39.1357,
36.7518


224.7069,
237.8785, 239.0562

 25.2107, 26.8653,
24.7211

271.2142,
287.0045, 289.8493

 16.3637, 17.4721,
15.6523

323.7327,
342.4672, 347.3711

 9.8744, 10.5717,
9.1267

382.6279,

 5.3774, 5.7796,

404.6510, 412.0401

4.7260

448.2651,
473.9404, 484.2749

■ 2.5073, 2.7115,
2.0315

■ 0.8990, 0.9831,
0.5745

■ 91.4830, 97.0539,
94.8005

■ 91.4830, 97.0539,
94.8005

■ 86.6056, 92.8759,
75.9820

95.0500, 100.0000,
108.9000

■ 82.2677, 88.9636,
59.8504

■ 78.4474, 85.3109,
46.2827

■ 75.1189, 81.9072,
35.1437

■ 72.2539, 78.7408,
26.2858

■ 69.8212, 75.7988,
19.5454

■ 67.7853, 73.0665,
14.7368

■ 66.1046, 70.5271,
11.6425

■ 64.7269, 68.1593,
9.9887

Harmonies

Analogous

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



93.5573, 97.0539, 95.1853



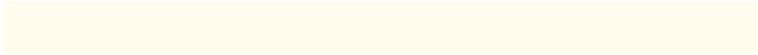
91.4830, 97.0539, 94.8005



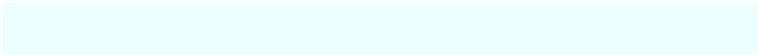
89.6407, 97.0539, 97.2460

Triad

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



91.4830, 97.0539, 94.8005



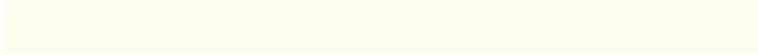
89.2546, 97.0539, 113.3907



96.0901, 97.0539, 109.4550

Complementary

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



91.4830, 97.0539, 94.8005



84.7645, 88.3054, 107.1848

Split Complementary

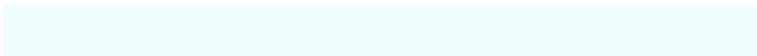
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.9029, 97.0539, 114.5780



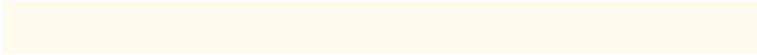
91.4830, 97.0539, 94.8005



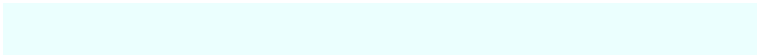
90.9486, 97.0539, 116.9087

Square

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



91.4830, 97.0539, 94.8005



88.3671, 97.0539, 107.8840



93.0149, 97.0539, 117.3513



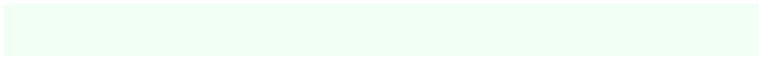
96.2384, 97.0539, 103.4968

Rectangle

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



91.4830, 97.0539, 94.8005



88.7841, 97.0539, 100.2081



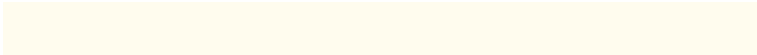
93.0149, 97.0539, 117.3513



95.7985, 97.0539, 111.3377

Sweetspot

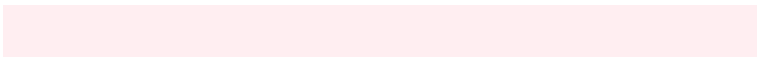
The Sweet Spot groups the original color and five complimentary colors.



91.4853, 97.0579, 94.8026



93.9538, 99.1041, 104.5374



87.7099, 88.7681, 95.8228



20.1215, 21.2218, 22.4210



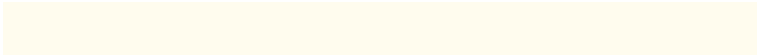
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



91.4853, 97.0579, 94.8026



90.8022, 96.4841, 92.1321



90.4802, 97.9465, 95.0271



19.2731, 20.5143, 19.0882



33.7019, 35.4151, 5.0595



3.3496, 3.5845, 0.5153

Inverse Universe

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



84.7645, 88.3054, 107.1848



82.8097, 86.0756, 106.8574



85.7201, 87.4933, 106.9777



17.2616, 17.8948, 22.7942



9.9945, 4.8986, 49.8533



1.0406, 0.6119, 4.8765

Previews

White Background



This preview shows how the XYZ color 91.4830, 97.0539, 94.8005 looks on a white background.

Color Contrast Check

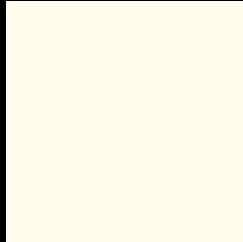
Large Text (above 18pt) WCAG AA × Fail

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 91.4830, 97.0539, 94.8005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

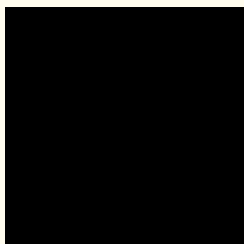
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 91.4830, 97.0539, 94.8005

Background



This preview shows how black text looks on a background with the XYZ color 91.4830, 97.0539, 94.8005.



This preview shows how white text looks on a background with the XYZ color 91.4830, 97.0539,

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

A vertical bar on the left side of the page is divided into three colored sections: a yellow top section, a light orange middle section, and a light yellow bottom section. These sections correspond to the 'Original Color', 'Protanopia', and 'Deuteranopia' labels respectively.

Original Color

91.4830, 97.0539, 94.8005

Protanopia

92.3717, 96.9082, 101.0254

Deuteranopia

92.9925, 97.1565, 104.2943

Tritanopia

93.0552, 97.0970, 108.4448

Trichromacy

Original Color

91.4830, 97.0539, 94.8005

Protanomaly

91.9148, 96.7254, 98.6195

Deuteranomaly

92.3717, 96.9082, 101.0254

Tritanomaly

92.4691, 96.9047, 103.4534

Monochromacy

Original Color

91.4830, 97.0539, 94.8005

Achromatopsia

91.6934, 96.4686, 105.0543

Achromatomaly

91.2766, 96.3436, 100.9742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 91.4830, 97.0539, 94.8005 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, 252, 238)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 238)  
}
```

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, 252, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 238) }
```

Border

The CSS property to change the border of an element to XYZ 91.4830, 97.0539, 94.8005 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, 252, 238) }
```


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

```
.border{ border-color:rgb(255, 252, 238) }
```

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

Here you see how a box with a 4 pixel rgb(255, 252, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 238);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 91.4830, 97.0539, 94.8005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 238) }
```

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

```
.background{ background-color: rgb(255,  
252, 238) }
```

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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