

Converting Colors

XYZ(136.8515, 117.1495,
92.2014)

Have a look what the booklet for
XYZ(136.8515, 117.1495, 92.2014)
contains.

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Color

**XYZ(88.6004, 92.4480,
90.2653)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF5E9
RGB	255, 245, 233
RGB Percent	100%, 96%, 91%
CMY	0.0000, 0.0392, 0.0863
CMYK	0.00, 0.04, 0.09, 0.00
HSL	33°, 100%, 96%
HSV	33°, 9%, 100%
XYZ	88.6004, 92.4480, 90.2653
YIQ	246.6220, 9.8120, -1.6120

Conversions

Conversions Part 2

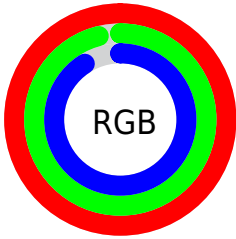
Format	Color
R_{YB}	251, 255, 233
Decimal	16774633
CIE _{Lab}	97.00, 1.35, 6.95
CIE _{LCh}	97, 7.081, 79.029
Yxy	92.4480, 0.3266, 0.3407
Android (android.graphics.Color)	4294964713 (0xFFFFF5E9)
YUV	246.6220, -6.7156, 7.3475
Hunter-Lab	96.1499, -3.7777, 11.6436

Details

The XYZ color 88.6004, 92.4480, 90.2653 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 83.7042, 88.6425, 107.3058, and the grayscale version is 88.1502, 92.7409, 100.9948.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.4221, 51.5753, 48.9452 is the 20% darker color. If you saturate the color by 10%, you get 81.8223, 84.3063, 71.3139, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

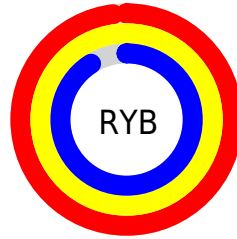
Distribution



Red (100%)

Green (96%)

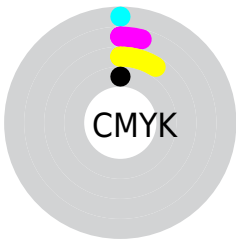
Blue (91%)



Red (98%)

Yellow (100%)

Blue (91%)

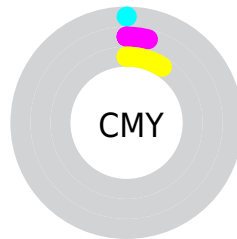


Cyan (0%)

Magenta (4%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (4%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.6004, 92.4480, 90.2653 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 88.6004, 92.4480, 90.2653 by changing the saturation by 10% instead.


 88.6004, 92.4480,
90.2653

 88.6004, 92.4480,
90.2653


511.7734,
535.9623, 549.4858

 67.1529, 70.0128,
67.6257


144.2810,
150.7342, 149.6456

 49.4800, 51.5370,
49.1285

179.2448,
187.3539, 187.2234

 35.2165, 36.6361,
34.3551


219.4447,
229.4706, 230.6177

 23.9970, 24.9259,
22.8870

265.2461,
277.4686, 280.2471

 15.4561, 16.0218,
14.3056

317.0143,
331.7325, 336.5301

 9.2285, 9.5396,
8.1923

375.1147,

 4.9488, 5.0948,

392.6464, 399.8851

4.1287

439.9126,
460.5949, 470.7309

■ 2.2517, 2.3030,
1.6962

■ 0.7698, 0.7753,
0.3581

■ 88.6004, 92.4480,
90.2653

■ 88.6004, 92.4480,
90.2653

■ 81.8223, 84.3063,
71.3139

95.0500, 100.0000,
108.9000

■ 75.7616, 76.7933,
55.0865

■ 70.3922, 69.8950,
41.4567

■ 65.6838, 63.5925,
30.2860

61.6035, 57.8659,
21.4226

58.1150, 52.6932,
14.6976

55.1776, 48.0508,
9.9187

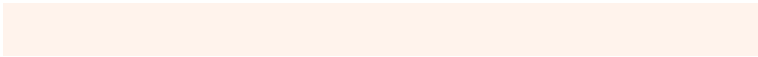
52.7433, 43.9118,
6.8585

50.7462, 40.2418,
5.1934

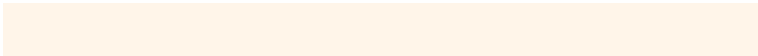
Harmonies

Analogous

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



90.4058, 92.4480, 92.5987



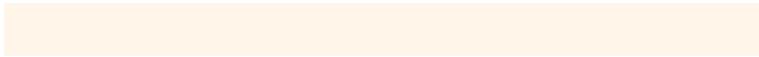
88.6004, 92.4480, 90.2653



86.6255, 92.4480, 90.6370

Triad

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



88.6004, 92.4480, 90.2653



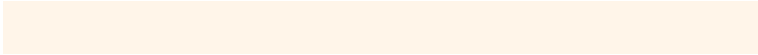
84.2958, 92.4480, 104.2812



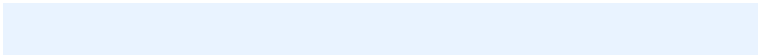
90.7944, 92.4480, 108.0293

Complementary

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



88.6004, 92.4480, 90.2653



83.7042, 88.6425, 107.3058

Split Complementary

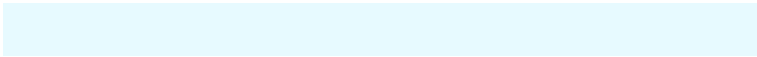
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.1245, 92.4480, 111.3963



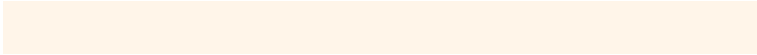
88.6004, 92.4480, 90.2653



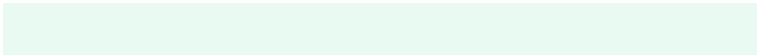
85.3802, 92.4480, 109.1765

Square

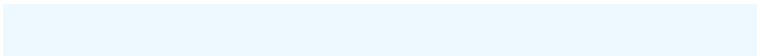
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.6004, 92.4480, 90.2653



84.1603, 92.4480, 98.5858



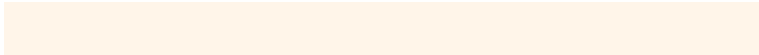
87.1417, 92.4480, 111.8239



91.6852, 92.4480, 102.7634

Rectangle

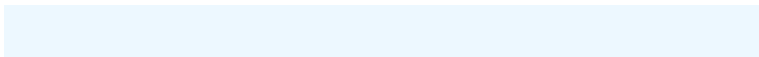
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.6004, 92.4480, 90.2653



85.4778, 92.4480, 92.3727



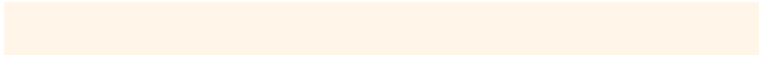
87.1417, 92.4480, 111.8239



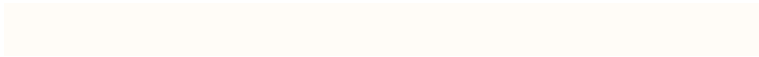
90.3044, 92.4480, 109.4291

Sweetspot

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



88.6025, 92.4518, 90.2673



92.7439, 97.3196, 102.1756



86.5975, 86.0261, 97.0466



19.7216, 20.6792, 21.4946



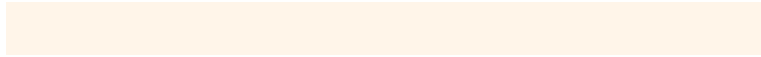
0.0000, 0.0000, 0.0000



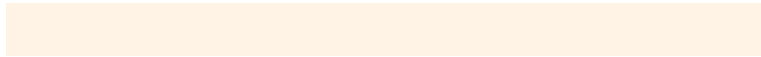
20.3446, 21.4041, 23.3091

Same Dimension

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



88.6025, 92.4518, 90.2673



87.6278, 91.2951, 87.4985



91.4390, 98.5245, 91.2899



18.8309, 19.6299, 18.9408



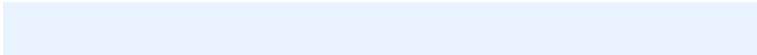
26.5359, 21.0829, 2.6708



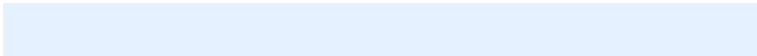
2.6929, 2.2713, 0.2965

Inverse Universe

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



83.7042, 88.6425, 107.3058



82.0033, 86.9212, 107.0632



81.0342, 82.9465, 106.3470



17.6827, 18.7371, 22.9346



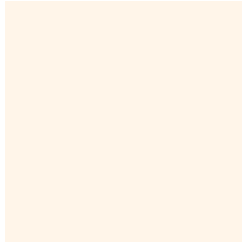
12.8305, 10.5705, 50.7987



1.3567, 1.2442, 4.9819

Previews

White Background



This preview shows how the XYZ color 88.6004, 92.4480, 90.2653 looks on a white background.

Color Contrast Check

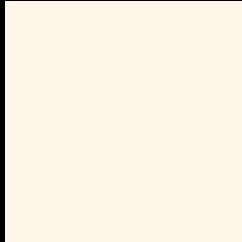
Large Text (above 18pt) WCAG AA × Fail

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 88.6004, 92.4480, 90.2653 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 88.6004, 92.4480, 90.2653

Background



This preview shows how black text looks on a background with the XYZ color 88.6004, 92.4480, 90.2653.



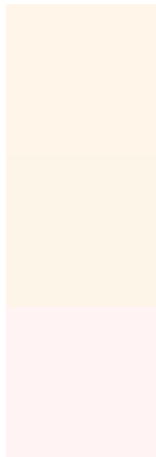
This preview shows how white text looks on a background with the XYZ color 88.6004, 92.4480,

90.2653.

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

88.6004, 92.4480, 90.2653

Protanopia

88.2334, 92.2588, 90.2481

Deuteranopia

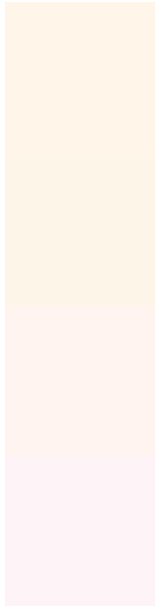
89.7683, 92.4324, 97.9040



Tritanopia

90.9736, 92.3920, 107.6464

Trichromacy



Original Color

88.6004, 92.4480, 90.2653

Protanomaly

88.2334, 92.2588, 90.2481

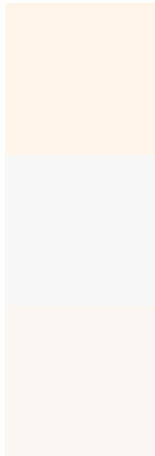
Deuteranomaly

89.1707, 92.1934, 94.7567

Tritanomaly

90.0122, 92.4876, 101.1034

Monochromacy



Original Color

88.6004, 92.4480, 90.2653

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.4071, 92.6463, 97.2274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.6004, 92.4480, 90.2653 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, 245, 233) looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 233)  
}
```

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, 245, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 233) }
```

Border

The CSS property to change the border of an element to XYZ 88.6004, 92.4480, 90.2653 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, 245, 233) }
```


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

```
.border{ border-color:rgb(255, 245, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 245, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 245, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 245, 233);  
box-shadow:4px 4px 4px 4px rgb(255, 245,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 88.6004, 92.4480, 90.2653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 245, 233) }
```

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

```
.background{ background-color: rgb(255,  
245, 233) }
```

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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