

Converting Colors

XYZ(96.5241, 95.6835, 83.2538)

Have a look what the booklet for
XYZ(96.5241, 95.6835, 83.2538)
contains.

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Color

**XYZ(86.6099, 90.6889,
82.7519)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF3DF
RGB	255, 243, 223
RGB Percent	100%, 95%, 87%
CMY	0.0000, 0.0470, 0.1255
CMYK	0.00, 0.05, 0.13, 0.00
HSL	38°, 100%, 94%
HSV	38°, 13%, 100%
XYZ	86.6099, 90.6889, 82.7519
YIQ	244.3080, 13.5720, -3.6760

Conversions

Conversions Part 2

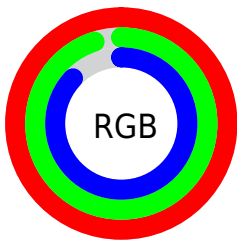
Format	Color
R_{YB}	242, 255, 223
Decimal	16774111
CIE Lab	96.28, 0.77, 11.07
CIE LCh	96, 11.099, 86.015
Yxy	90.6889, 0.3331, 0.3487
Android (android.graphics.Color)	4294964191 (0xFFFFF3DF)
YUV	244.3080, -10.5048, 9.3769
Hunter-Lab	95.2307, -4.3126, 15.1407

Details

The XYZ color **86.6099, 90.6889, 82.7519** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.1891, 82.3224, 106.3766**, and the grayscale version is **86.3114, 90.8063, 98.8881**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.1269, 50.3736, 44.2323** is the 20% darker color. If you saturate the color by 10%, you get **80.6416, 83.8461, 65.0589**, and if you desaturate by 10%, it is **93.2491, 98.0443, 103.2253**.

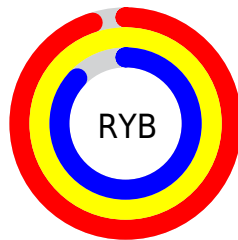
Distribution



Red (100%)

Green (95%)

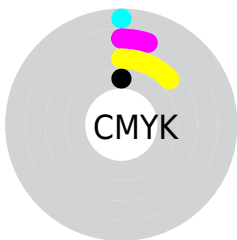
Blue (87%)



Red (95%)

Yellow (100%)

Blue (87%)

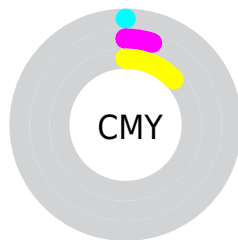


Cyan (0%)

Magenta (5%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.6099, 90.6889, 82.7519 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 86.6099, 90.6889, 82.7519 by changing the saturation by 10% instead.


 86.6099, 90.6889,
82.7519

 86.6099, 90.6889,
82.7519


505.3439,
530.2693, 524.1086

 65.4994, 68.5522,
61.4461


141.5227,
148.2949, 139.0740

 48.1323, 50.3471,
44.1524

176.0558,
184.5330, 174.9275

 34.1434, 35.6892,
30.4522


215.7937,
226.2403, 216.4671

 23.1672, 24.1943,
19.9271


261.1018,
273.8013, 264.1116

 14.8384, 15.4778,
12.1585

312.3456,
327.6003, 318.2795

 8.7916, 9.1554,
6.7279

369.8903,

 4.6615, 4.8427,

388.0217, 379.3893

3.2167

434.1013,
455.4499, 447.8594

■ 2.0828, 2.1553,
1.2063

■ 0.6798, 0.6954,
0.0000

■ 86.6099, 90.6889,
82.7519

■ 86.6099, 90.6889,
82.7519

■ 80.6416, 83.8461,
65.0589

■ 93.2491, 98.0443,
103.2253

■ 75.3127, 77.4908,
50.0185

95.0500, 100.0000,
108.9000

■ 70.5981, 71.6123,
37.5009

■ 66.4685, 66.1950,
27.3634

■ 62.8919, 61.2223,
19.4488

■ 59.8324, 56.6759,
13.5807

■ 57.2489, 52.5353,
9.5556

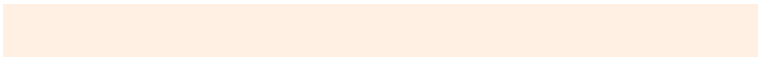
■ 55.0924, 48.7767,
7.1273

■ 53.7103, 46.2006,
6.0868

Harmonies

Analogous

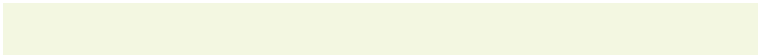
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.5548, 90.6889, 85.3204



86.6099, 90.6889, 82.7519



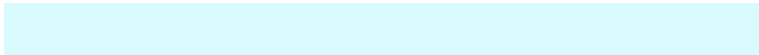
83.6220, 90.6889, 84.2540

Triad

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



86.6099, 90.6889, 82.7519



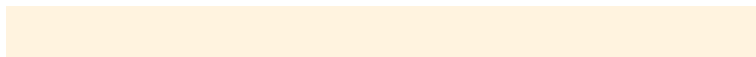
80.9765, 90.6889, 106.3832



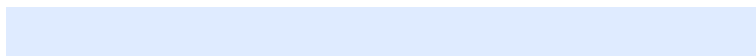
91.2087, 90.6889, 108.5463

Complementary

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



86.6099, 90.6889, 82.7519



78.1891, 82.3224, 106.3766

Split Complementary

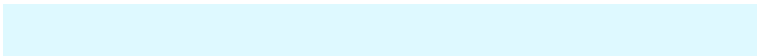
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.8245, 90.6889, 114.8085



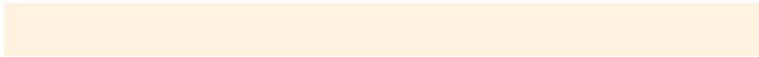
86.6099, 90.6889, 82.7519



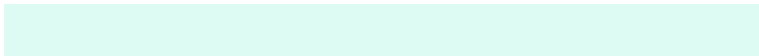
82.9244, 90.6889, 113.5083

Square

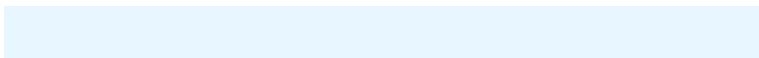
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.6099, 90.6889, 82.7519



80.4152, 90.6889, 97.5691



85.7856, 90.6889, 116.6759



92.2497, 90.6889, 99.9299

Rectangle

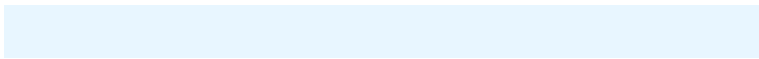
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.6099, 90.6889, 82.7519



82.0000, 90.6889, 87.4129



85.7856, 90.6889, 116.6759



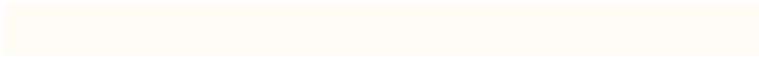
90.5350, 90.6889, 111.0160

Sweetspot

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



86.6120, 90.6927, 82.7538



92.2433, 96.9452, 100.0768



82.6623, 80.0500, 89.8947



19.6335, 20.6293, 21.0764



0.0000, 0.0000, 0.0000



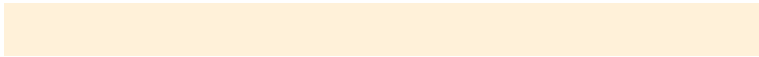
20.3446, 21.4041, 23.3091

Same Dimension

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



86.6120, 90.6927, 82.7538



85.0875, 88.9679, 78.1632



88.9594, 97.4066, 83.9260



18.9556, 19.8793, 18.9824



28.2130, 24.4371, 3.2299



2.8520, 2.5894, 0.3495

Inverse Universe

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



78.1891, 82.3224, 106.3766



75.1913, 79.1341, 105.9191



76.0332, 76.2841, 105.3247



17.5608, 18.4932, 22.8939



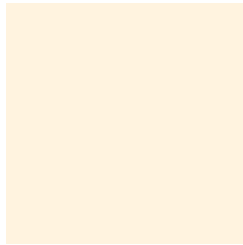
11.7286, 8.3668, 50.4314



1.2428, 1.0163, 4.9439

Previews

White Background



This preview shows how the XYZ color 86.6099, 90.6889, 82.7519 looks on a white background.

Color Contrast Check

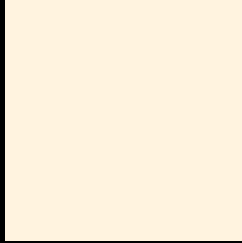
Large Text (above 18pt) WCAG AA × Fail

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 86.6099, 90.6889, 82.7519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

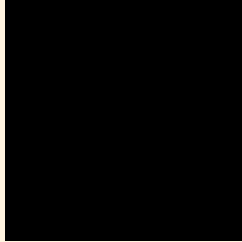
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.6099, 90.6889, 82.7519

Background



This preview shows how black text looks on a background with the XYZ color 86.6099, 90.6889, 82.7519.



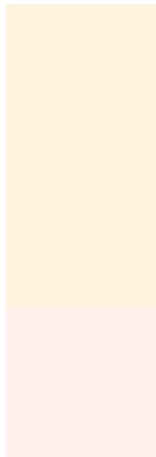
This preview shows how white text looks on a background with the XYZ color 86.6099, 90.6889,

82.7519.

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

86.6099, 90.6889, 82.7519

Protanopia

86.2429, 90.4997, 82.7347

Deuteranopia

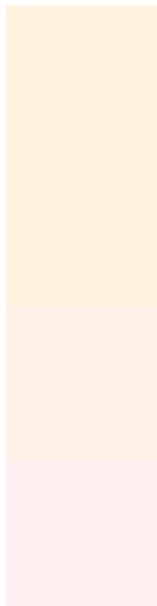
88.4247, 90.9373, 93.7811



Tritanopia

90.1297, 90.6720, 105.6796

Trichromacy



Original Color

86.6099, 90.6889, 82.7519

Protanomaly

86.2429, 90.4997, 82.7347

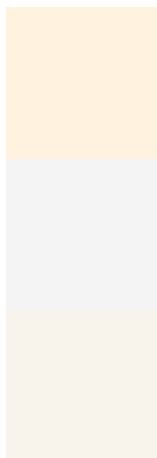
Deuteranomaly

87.7001, 90.6475, 89.9652

Tritanomaly

88.7223, 90.5814, 96.8122

Monochromacy



Original Color

86.6099, 90.6889, 82.7519

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

86.2024, 90.7140, 92.3231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.6099, 90.6889, 82.7519 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, 243, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 223)  
}
```

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, 243, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 223) }
```

Border

The CSS property to change the border of an element to XYZ 86.6099, 90.6889, 82.7519 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, 243, 223) }
```


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

```
.border{ border-color:rgb(255, 243, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 243, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 243, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 243, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 243,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 86.6099, 90.6889, 82.7519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 243, 223) }
```

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

```
.background{ background-color: rgb(255,  
243, 223) }
```

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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