

Converting Colors

XYZ(82.6512, 88.0914, 87.5174)

Have a look what the booklet for
XYZ(82.6512, 88.0914, 87.5174)
contains.

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Color

**XYZ(82.6530, 88.0947,
87.5106)**

Conversions

Conversions Part 1

Format	Color
Hex	F2F2E6
RGB	242, 242, 230
RGB Percent	95%, 95%, 90%
CMY	0.0510, 0.0510, 0.0980
CMYK	0.00, 0.00, 0.05, 0.05
HSL	60°, 32%, 93%
HSV	60°, 5%, 95%
XYZ	82.6530, 88.0947, 87.5106
YIQ	240.6320, 3.8520, -3.7320

Conversions

Conversions Part 2

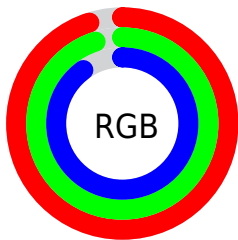
Format	Color
R_{YB}	230, 242, 230
Decimal	15921894
CIE _{Lab}	95.20, -2.07, 5.78
CIE _{LCh}	95, 6.134, 109.689
Yxy	88.0947, 0.3200, 0.3411
Android (android.graphics.Color)	4294111974 (0xFFFF2F2E6)
YUV	240.6320, -5.2416, 1.1997
Hunter-Lab	93.8588, -7.0639, 10.4212

Details

The XYZ color **82.6530, 88.0947, 87.5106** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.9604, 79.8298, 95.3615**, and the grayscale version is **83.3597, 87.7009, 95.5063**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.5465, 48.6521, 47.5477** is the 20% darker color. If you saturate the color by 10%, you get **79.4855, 86.8302, 70.8365**, and if you desaturate by 10%, it is **86.2973, 89.5556, 106.6735**.

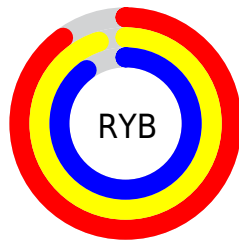
Distribution



Red (95%)

Green (95%)

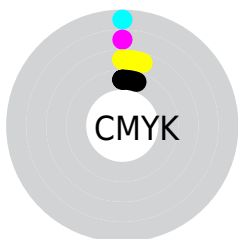
Blue (90%)



Red (90%)

Yellow (95%)

Blue (90%)

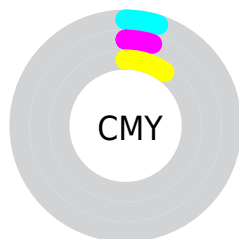


Cyan (0%)

Magenta (0%)

Yellow (5%)

Black (5%)



Cyan (5%)

Magenta (5%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.6530, 88.0947, 87.5106 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 82.6530, 88.0947, 87.5106 by changing the saturation by 10% instead.

82.6530, 88.0947,
87.5106

82.6530, 88.0947,
87.5106

492.4308,
521.8133, 540.2589

62.2199, 66.4015,
65.3558

136.0204,
144.6890, 145.7808

45.4667, 48.5984,
47.2965

169.6854,
180.3589, 182.7332

32.0280, 34.3010,
32.9141

208.4917,
221.4564, 225.4553

21.5385, 23.1249,
21.7900

252.8047,
268.3661, 274.3655

13.6329, 14.6858,
13.5059

302.9898,
321.4722, 329.8824

7.9458, 8.5992,
7.6430

359.4122,

4.1118, 4.4807,

381.1592, 392.4246

3.7829

422.4375,
447.8114, 462.4106

■ 1.7656, 1.9459,
1.5070

■ 0.4968, 0.5758,
0.2231

■ 82.6530, 88.0947,
87.5106

■ 82.6530, 88.0947,
87.5106

■ 79.4855, 86.8302,
70.8365

■ 86.2973, 89.5556,
106.6735

■ 76.7681, 85.7428,
56.5438


■ 86.4287, 89.6086,
107.3486

■ 74.4826, 84.8283,
44.5255


■ 86.4320, 89.6102,
107.3488

■ 72.6068, 84.0776,
34.6644


■ 86.4352, 89.6119,
107.3489

 71.1164, 83.4810,
26.8329


 86.4384, 89.6136,
107.3491

 69.9846, 83.0279,
20.8898


 86.4416, 89.6152,
107.3492


 69.1812, 82.7062,
16.6759

 86.4449, 89.6169,
107.3494

 68.6710, 82.5018,
14.0061

 86.4481, 89.6186,
107.3496

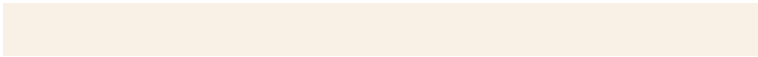
 68.4108, 82.3973,
12.6528

 86.4513, 89.6202,
107.3497

Harmonies

Analogous

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



84.3081, 88.0947, 87.1447



82.6530, 88.0947, 87.5106



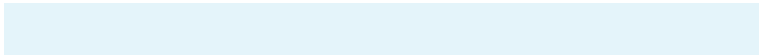
81.3040, 88.0947, 90.0867

Triad

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



82.6530, 88.0947, 87.5106



81.6689, 88.0947, 103.1130



86.9340, 88.0947, 97.5775

Complementary

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



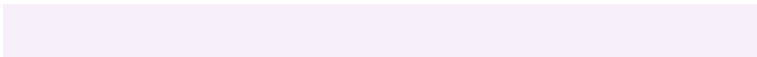
82.6530, 88.0947, 87.5106



76.9604, 79.8298, 95.3615

Split Complementary

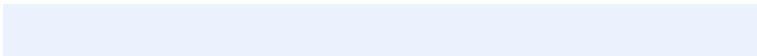
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.2066, 88.0947, 102.0001



82.6530, 88.0947, 87.5106



83.1573, 88.0947, 105.2658

Square

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



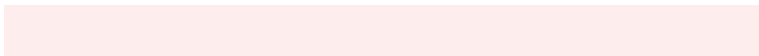
82.6530, 88.0947, 87.5106



80.7411, 88.0947, 99.0554



84.8191, 88.0947, 104.8519



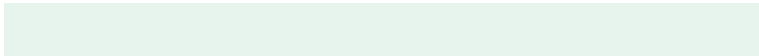
86.7946, 88.0947, 92.8517

Rectangle

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



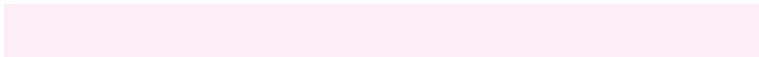
82.6530, 88.0947, 87.5106



80.7527, 88.0947, 92.7599



84.8191, 88.0947, 104.8519



86.7824, 88.0947, 99.1514

Sweetspot

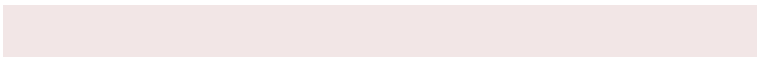
The Sweet Spot groups the original color and five complimentary colors.



82.6554, 88.0985, 87.5125



94.6417, 99.8367, 106.7520



79.2005, 81.1862, 86.3604



20.2615, 21.3709, 22.8720



0.0000, 0.0000, 0.0000



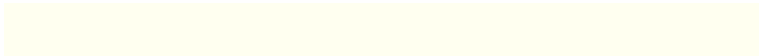
20.3446, 21.4041, 23.3091

Same Dimension

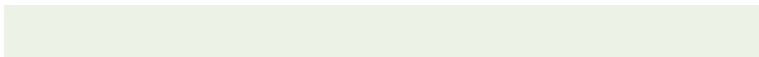
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.6554, 88.0985, 87.5125



92.6814, 99.0523, 96.4388



80.6304, 87.0546, 87.4177



17.3176, 18.5369, 17.8374



36.7119, 44.2473, 6.6056



3.0543, 3.6811, 0.5495

Inverse Universe

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



76.9604, 79.8298, 95.3615



84.9573, 87.8375, 107.0844



78.9185, 80.8393, 95.4531



15.7299, 16.2317, 20.0256



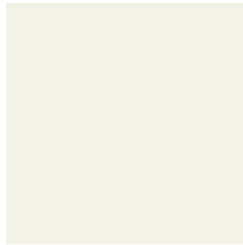
8.6107, 3.4444, 45.3389



0.7165, 0.2866, 3.7718

Previews

White Background



This preview shows how the XYZ color 82.6530, 88.0947, 87.5106 looks on a white background.

Color Contrast Check

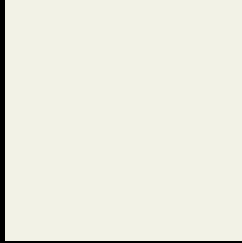
Large Text (above 18pt) WCAG AA × Fail

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 82.6530, 88.0947, 87.5106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

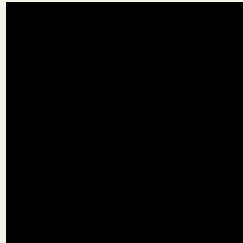
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

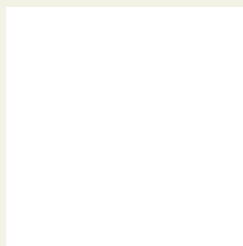
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.6530, 88.0947, 87.5106

Background



This preview shows how black text looks on a background with the XYZ color 82.6530, 88.0947, 87.5106.



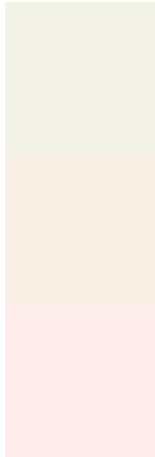
This preview shows how white text looks on a background with the XYZ color 82.6530, 88.0947,

87.5 06.

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

82.6530, 88.0947, 87.5106

Protanopia

84.0143, 87.9338, 86.6736

Deuteranopia

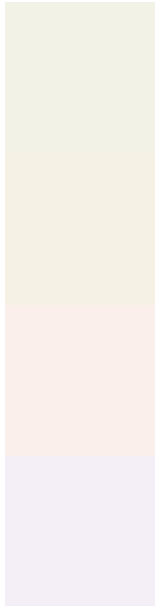
86.8102, 87.9428, 92.5200



Tritanopia

86.2807, 87.7815, 107.0038

Trichromacy



Original Color

82.6530, 88.0947, 87.5106

Protanomaly

83.6042, 88.1606, 86.7390

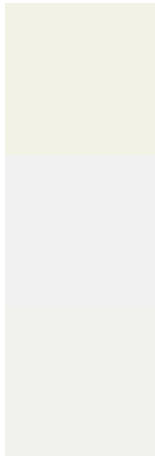
Deuteranomaly

85.1421, 87.9975, 90.3396

Tritanomaly

84.8093, 87.6199, 99.6312

Monochromacy



Original Color

82.6530, 88.0947, 87.5106

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.0170, 87.7258, 92.6781

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.6530, 88.0947, 87.5106 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(242, 242, 230) looks like.

```
.text, #text, p{  
    color:rgb(242, 242, 230)  
}
```

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(242, 242, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 242, 230) }
```

Border

The CSS property to change the border of an element to XYZ 82.6530, 88.0947, 87.5106 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(242, 242, 230) }
```


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

```
.border{ border-color:rgb(242, 242, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 242, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 242, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 242, 230);  
box-shadow:4px 4px 4px 4px rgb(242, 242,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 82.6530, 88.0947, 87.5106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 242, 230) }
```

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

```
.background{ background-color: rgb(242,  
242, 230) }
```

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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