

Converting Colors

XYZ(86.1467, 95.7697, 92.2396)

Have a look what the booklet for
XYZ(86.1467, 95.7697, 92.2396)
contains.

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Color

**XYZ(86.3520, 95.8689,
92.5506)**

Conversions

Conversions Part 1

Format	Color
Hex	EFFFEB
RGB	239, 255, 235
RGB Percent	94%, 100%, 92%
CMY	0.0627, 0.0000, 0.0784
CMYK	0.06, 0.00, 0.08, 0.00
HSL	108°, 100%, 96%
HSV	108°, 8%, 100%
XYZ	86.3520, 95.8689, 92.5506
YIQ	247.9360, -3.1160, -9.6120

Conversions

Conversions Part 2

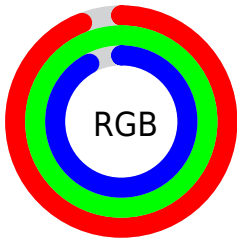
Format	Color
R_{YB}	235, 255, 251
Decimal	15728619
CIE Lab	98.38, -8.75, 7.75
CIE LCh	98, 11.694, 138.471
Yxy	95.8689, 0.3143, 0.3489
Android (android.graphics.Color)	4293918699 (0xFFEFFFEB)
YUV	247.9360, -6.3774, -7.8369
Hunter-Lab	97.9127, -13.9229, 12.4958

Details

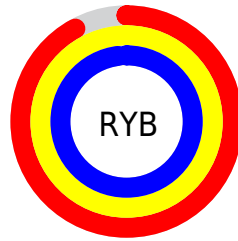
The XYZ color **86.3520, 95.8689, 92.5506** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.5427, 87.1471, 106.8148**, and the grayscale version is **89.2226, 93.8691, 102.2235**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.8592, 53.7101, 50.4925** is the 20% darker color. If you saturate the color by 10%, you get **76.4245, 91.1467, 74.2130**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

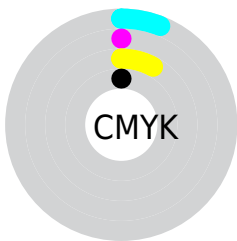
Distribution



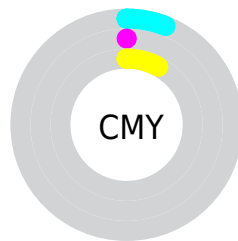
- Red (94%)
- Green (100%)
- Blue (92%)



- Red (92%)
- Yellow (100%)
- Blue (98%)



- Cyan (6%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)





- Cyan (6%)
- Magenta (0%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.3520, 95.8689, 92.5506 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 86.3520, 95.8689, 92.5506 by changing the saturation by 10% instead.


 86.3520, 95.8689,
92.5506

 86.3520, 95.8689,
92.5506


504.5077,
546.9429, 557.0762

 65.2853, 72.8584,
69.5125


141.1649,
155.4645, 152.8426

 47.9580, 53.8602,
50.6548


175.6418,
192.8183, 190.9335

 34.0048, 38.4899,
35.5592


215.3196,
235.7220, 234.8791

 23.0602, 26.3631,
23.8069

260.5635,
284.5601, 285.0979

 14.7589, 17.0955,
14.9796

311.7389,
339.7168, 342.0085

 8.7356, 10.3026,
8.6586

369.2111,

 4.6248, 5.6000,

401.5766, 406.0294

4.4254

433.3456,
470.5238, 477.5791

■ 2.0613, 2.6034,
1.8615

■ 0.6681, 0.9284,
0.4681

■ 86.3520, 95.8689,
92.5506

■ 86.3520, 95.8689,
92.5506

■ 76.4245, 91.1467,
74.2130

95.0500, 100.0000,
108.9000

■ 67.7537, 87.0139,
58.5728

■ 60.2893, 83.4474,
45.5041

■ 53.9767, 80.4220,
34.8691

■ 48.7570, 77.9106,
26.5173

■ 44.5656, 75.8835,
20.2812

■ 41.3311, 74.3081,
15.9706

■ 38.9720, 73.1473,
13.3613

■ 37.3877, 72.3556,
12.1535

Harmonies

Analogous

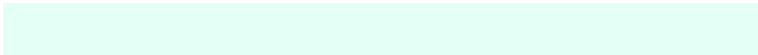
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.0816, 95.8689, 87.7435



86.3520, 95.8689, 92.5506



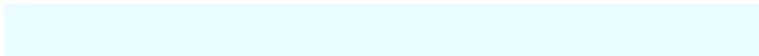
84.9137, 95.8689, 100.7172

Triad

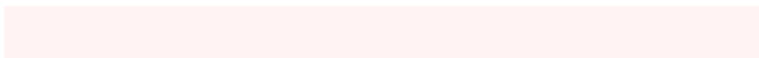
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.3520, 95.8689, 92.5506



89.8307, 95.8689, 123.6582



97.4101, 95.8689, 98.6113

Complementary

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



86.3520, 95.8689, 92.5506



87.5427, 87.1471, 106.8148

Split Complementary

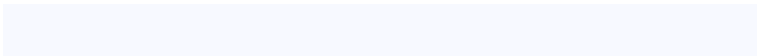
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.6227, 95.8689, 108.1406



86.3520, 95.8689, 92.5506



93.1903, 95.8689, 123.0078

Square

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



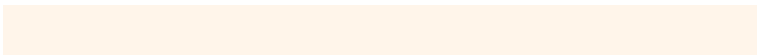
86.3520, 95.8689, 92.5506



86.8888, 95.8689, 118.9133



96.0614, 95.8689, 117.1874



95.4875, 95.8689, 91.0909

Rectangle

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



86.3520, 95.8689, 92.5506



84.8563, 95.8689, 107.1445



96.0614, 95.8689, 117.1874



97.6856, 95.8689, 101.6732

Sweetspot

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



86.3528, 95.8692, 92.5521



92.7545, 98.9102, 104.5632



90.7330, 96.2529, 92.3952



19.8773, 21.1823, 22.4262



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.



86.3528, 95.8692, 92.5521



85.1375, 95.2916, 90.2871



85.8990, 95.5335, 97.1326



18.1107, 20.3430, 19.1164



19.4939, 37.7876, 6.2663



1.9816, 3.7223, 0.6140

Inverse Universe

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



87.5427, 87.1471, 106.8148



86.4922, 85.3612, 106.5255



88.0479, 87.5174, 101.8749



18.4159, 18.1061, 22.7742



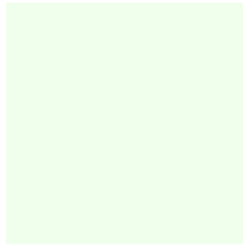
22.5686, 10.5450, 50.2805



2.2836, 1.0711, 4.8997

Previews

White Background



This preview shows how the XYZ color 86.3520, 95.8689, 92.5506 looks on a white background.

Color Contrast Check

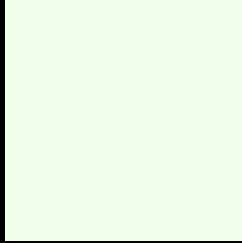
Large Text (above 18pt) WCAG AA × Fail

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 86.3520, 95.8689, 92.5506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

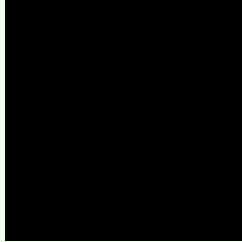
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

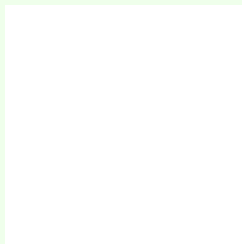
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.3520, 95.8689, 92.5506

Background



This preview shows how black text looks on a background with the XYZ color 86.3520, 95.8689, 92.5506.



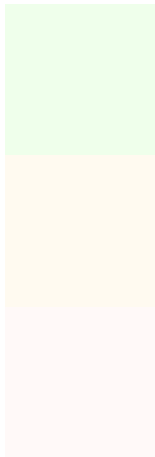
This preview shows how white text looks on a background with the XYZ color 86.3520, 95.8689,

92.5 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

86.3520, 95.8689, 92.5506

Protanopia

91.1538, 95.9225, 96.1486

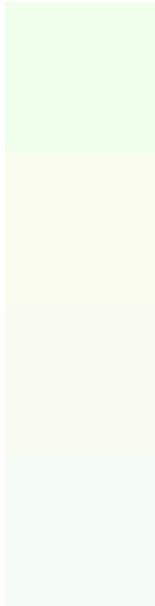
Deuteranopia

92.0590, 95.7887, 102.4440

Tritanopia

91.3025, 95.7310, 108.2735

Trichromacy



Original Color

86.3520, 95.8689, 92.5506

Protanomaly

89.3099, 95.9336, 94.6988

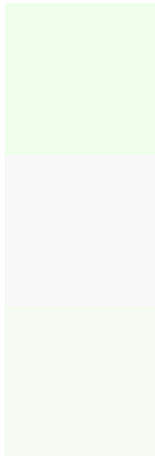
Deuteranomaly

89.7418, 95.6052, 98.5178

Tritanomaly

89.4099, 95.8106, 102.5878

Monochromacy



Original Color

86.3520, 95.8689, 92.5506

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.3310, 94.8779, 98.4517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.3520, 95.8689, 92.5506 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(239, 255, 235)` looks like.

```
.text, #text, p{  
    color:rgb(239, 255, 235)  
}
```

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(239, 255, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 255, 235) }
```

Border

The CSS property to change the border of an element to XYZ 86.3520, 95.8689, 92.5506 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(239, 255, 235) }
```


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

```
.border{ border-color:rgb(239, 255, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 255, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 255, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 255, 235);  
box-shadow:4px 4px 4px 4px rgb(239, 255,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 86.3520, 95.8689, 92.5506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 255, 235) }
```

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

```
.background{ background-color: rgb(239,  
255, 235) }
```

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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