

Converting Colors

XYZ(86.1600, 95.6953, 95.9115)

Have a look what the booklet for
XYZ(86.1600, 95.6953, 95.9115)
contains.

XYZ(86.2650, 95.7565, 95.5976)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(86.2650, 95.7565,
95.5976)**

Conversions

Conversions Part 1

Format	Color
Hex	EDFFE7
RGB	237, 255, 239
RGB Percent	93%, 100%, 94%
CMY	0.0706, 0.0000, 0.0627
CMYK	0.07, 0.00, 0.06, 0.00
HSL	127°, 100%, 96%
HSV	127°, 7%, 100%
XYZ	86.2650, 95.7565, 95.5976
YIQ	247.7940, -5.5920, -8.7920

Conversions

Conversions Part 2

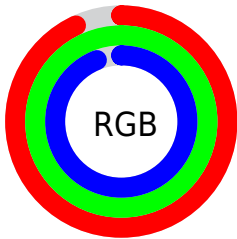
Format	Color
R _{YB}	237, 253, 255
Decimal	15597551
CIE Lab	98.34, -8.72, 5.62
CIE LCh	98, 10.378, 147.214
Yxy	95.7565, 0.3107, 0.3449
Android (android.graphics.Color)	4293787631 (0xFFEDFFEF)
YUV	247.7940, -4.3354, -9.4663
Hunter-Lab	97.8553, -13.8887, 10.5766

Details

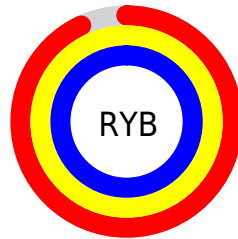
The XYZ color **86.2650, 95.7565, 95.5976** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.2542, 88.9210, 105.3874**, and the grayscale version is **89.0919, 93.7316, 102.0737**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.7974, 53.6308, 52.6323** is the 20% darker color. If you saturate the color by 10%, you get **75.2061, 90.4183, 78.6825**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

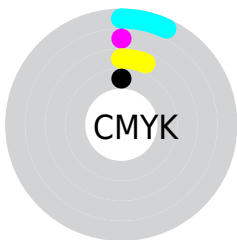
Distribution



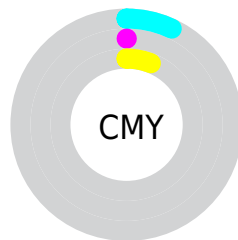
- Red (93%)
- Green (100%)
- Blue (94%)



- Red (93%)
- Yellow (99%)
- Blue (100%)



- Cyan (7%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)




- Cyan (7%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.2650, 95.7565, 95.5976 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 86.2650, 95.7565, 95.5976 by changing the saturation by 10% instead.


 86.2650, 95.7565,
95.5976

 86.2650, 95.7565,
95.5976


504.2255,
546.5840, 567.1095

 65.2131, 72.7648,
72.0328


141.0442,
155.3093, 157.0926

 47.8993, 53.7836,
52.6985


175.5022,
192.6392, 195.8600

 33.9580, 38.4287,
37.1761


215.1596,
235.5173, 240.5319

 23.0241, 26.3156,
25.0470

260.3818,
284.3279, 291.5270

 14.7321, 17.0599,
15.8927

311.5341,
339.4555, 349.2637

 8.7167, 10.2772,
9.2947

368.9819,

 4.6125, 5.5831,

401.2844, 414.1607

4.8345

433.0906,
470.1991, 486.6365

■ 2.0541, 2.5933,
2.0934

■ 0.6641, 0.9233,
0.6119

■ 86.2650, 95.7565,
95.5976

■ 86.2650, 95.7565,
95.5976

■ 75.2061, 90.4183,
78.6825

95.0500, 100.0000,
108.9000

■ 65.7107, 85.8395,
63.9504

■ 57.7088, 81.9858,
51.3137

■ 51.1241, 78.8199,
40.6770

■ 45.8734, 76.3010,
31.9380

■ 41.8648, 74.3843,
24.9850

■ 38.9948, 73.0189,
19.6946

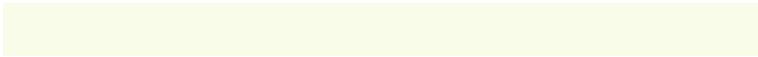
■ 37.1427, 72.1456,
15.9277

■ 36.1574, 71.6898,
13.5227

Harmonies

Analogous

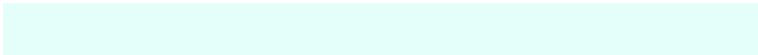
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.4095, 95.7565, 90.2936



86.2650, 95.7565, 95.5976



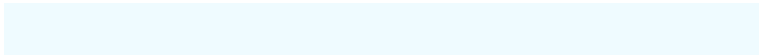
85.3907, 95.7565, 103.4642

Triad

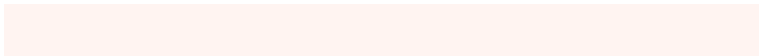
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.2650, 95.7565, 95.5976



90.7345, 95.7565, 121.5897



96.2232, 95.7565, 96.9119

Complementary

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



86.2650, 95.7565, 95.5976



89.2542, 88.9210, 105.3874

Split Complementary

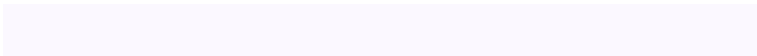
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.8782, 95.7565, 105.0650



86.2650, 95.7565, 95.5976



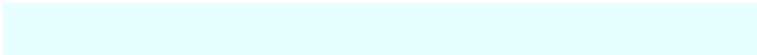
93.6685, 95.7565, 119.6027

Square

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



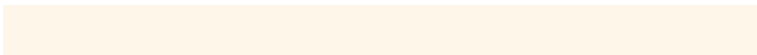
86.2650, 95.7565, 95.5976



87.9356, 95.7565, 118.7278



95.9335, 95.7565, 113.4359



94.1628, 95.7565, 91.0227

Rectangle

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



86.2650, 95.7565, 95.5976



85.6313, 95.7565, 109.2120



95.9335, 95.7565, 113.4359



96.6170, 95.7565, 99.4649

Sweetspot

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



86.2658, 95.7569, 95.5991



92.4771, 98.7570, 105.0147



91.6272, 98.5547, 94.3156



19.8209, 21.1511, 22.5182



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.



86.2658, 95.7569, 95.5991



85.1557, 95.2208, 93.9105



87.5979, 96.2897, 102.6137



17.8536, 20.2010, 19.5322



18.8231, 37.4258, 6.9538



1.8581, 3.6542, 0.8109

Inverse Universe

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



89.2542, 88.9210, 105.3874



88.5210, 87.5227, 104.9333



87.8843, 88.3731, 98.1737



18.7006, 18.2635, 22.3063



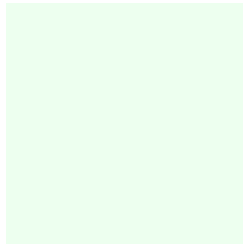
28.8039, 14.0108, 39.2131



2.8283, 1.3737, 3.9432

Previews

White Background



This preview shows how the XYZ color 86.2650, 95.7565, 95.5976 looks on a white background.

Color Contrast Check

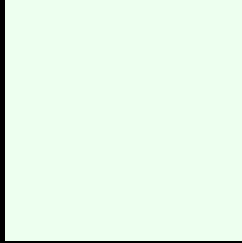
Large Text (above 18pt) WCAG AA × Fail

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 86.2650, 95.7565, 95.5976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

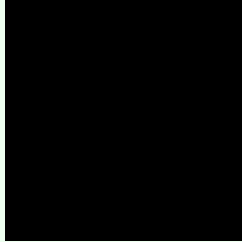
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

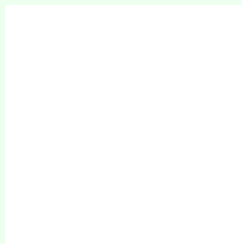
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.2650, 95.7565, 95.5976

Background



This preview shows how black text looks on a background with the XYZ color 86.2650, 95.7565, 95.5976.



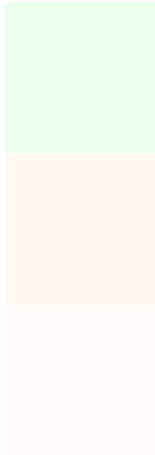
This preview shows how white text looks on a background with the XYZ color 86.2650, 95.7565,

95.5976.

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

86.2650, 95.7565, 95.5976

Protanopia

90.9929, 95.3622, 96.8300

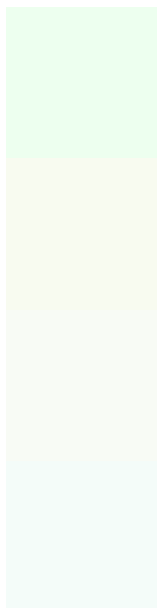
Deuteranopia

92.2146, 95.8509, 103.2634

Tritanopia

90.9470, 95.5477, 108.2569

Trichromacy



Original Color

86.2650, 95.7565, 95.5976

Protanomaly

88.9368, 95.2421, 96.1342

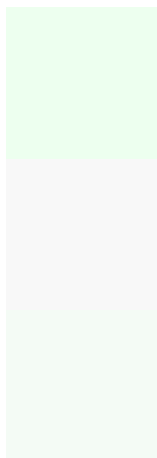
Deuteranomaly

89.6900, 95.5434, 100.1008

Tritanomaly

89.2175, 95.6935, 103.3910

Monochromacy



Original Color

86.2650, 95.7565, 95.5976

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.2868, 94.8200, 100.0351

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.2650, 95.7565, 95.5976 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(237, 255, 239)` looks like.

```
.text, #text, p{  
    color:rgb(237, 255, 239)  
}
```

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(237, 255, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 255, 239) }
```

Border

The CSS property to change the border of an element to XYZ 86.2650, 95.7565, 95.5976 is called "border". The border property can be set on classes, ids or directly on the HTML element.

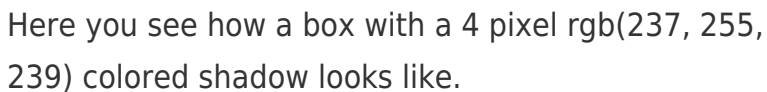
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 255, 239) }
```


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

```
.border{ border-color:rgb(237, 255, 239) }
```

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



Here you see how a box with a 4 pixel `rgb(237, 255, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 255, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 255, 239); box-shadow:4px 4px 4px 4px rgb(237, 255, 239) }
```

Background

The CSS property to change the background color of an element to XYZ 86.2650, 95.7565, 95.5976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 255, 239) }
```

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

```
.background{ background-color: rgb(237,  
255, 239) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor