

Converting Colors

XYZ(86.1002, 95.7457, 92.2374)

Have a look what the booklet for
XYZ(86.1002, 95.7457, 92.2374)
contains.

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Color

**XYZ(86.0153, 95.6953,
92.5348)**

Conversions

Conversions Part 1

Format	Color
Hex	EEFFEB
RGB	238, 255, 235
RGB Percent	93%, 100%, 92%
CMY	0.0667, 0.0000, 0.0784
CMYK	0.07, 0.00, 0.08, 0.00
HSL	111°, 100%, 96%
HSV	111°, 8%, 100%
XYZ	86.0153, 95.6953, 92.5348
YIQ	247.6370, -3.7120, -9.8240

Conversions

Conversions Part 2

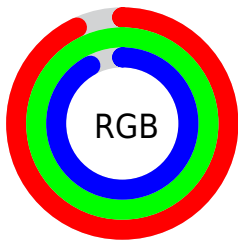
Format	Color
R_{YB}	235, 255, 252
Decimal	15663083
CIE _{Lab}	98.31, -9.09, 7.65
CIE _{LCh}	98, 11.875, 139.926
Yxy	95.6953, 0.3136, 0.3489
Android (android.graphics.Color)	4293853163 (0xFFEEFFEB)
YUV	247.6370, -6.2300, -8.4516
Hunter-Lab	97.8240, -14.2393, 12.3925

Details

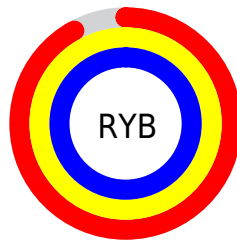
The XYZ color **86.0153, 95.6953, 92.5348** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.9039, 87.3333, 106.8317**, and the grayscale version is **88.9777, 93.6114, 101.9428**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.6222, 53.5879, 50.4814** is the 20% darker color. If you saturate the color by 10%, you get **75.7463, 90.7971, 74.1812**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

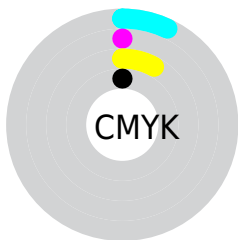
Distribution



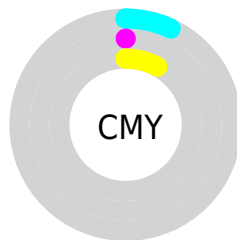
- Red (93%)
- Green (100%)
- Blue (92%)



- Red (92%)
- Yellow (100%)
- Blue (99%)



- Cyan (7%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)





- Cyan (7%)
- Magenta (0%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.0153, 95.6953, 92.5348 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 86.0153, 95.6953, 92.5348 by changing the saturation by 10% instead.


 86.0153, 95.6953,
92.5348

 86.0153, 95.6953,
92.5348


503.4149,
546.3885, 557.0239

 65.0059, 72.7138,
69.4994

140.6976,
155.2248, 152.8205

 47.7306, 53.7420,
50.6442


175.1012,
192.5417, 190.9079

 33.8240, 38.3954,
35.5508


214.7002,
235.4057, 234.8497

 22.9206, 26.2897,
23.8005


259.8601,
284.2015, 285.0645

 14.6553, 17.0405,
14.9749

310.9462,
339.3132, 341.9707

 8.6626, 10.2634,
8.6553

368.3237,

 4.5771, 5.5739,

401.1254, 405.9870

4.4233

432.3582,
470.0223, 477.5319

■ 2.0335, 2.5878,
1.8603

■ 0.6527, 0.9205,
0.4673

■ 86.0153, 95.6953,
92.5348

■ 86.0153, 95.6953,
92.5348

■ 75.7463, 90.7971,
74.1812

95.0500, 100.0000,
108.9000

■ 66.8276, 86.5365,
58.5295

■ 59.2032, 82.8875,
45.4533

■ 52.8122, 79.8217,
34.8146

■ 47.5890, 77.3084,
26.4626

■ 43.4615, 75.3143,
20.2295

■ 40.3494, 73.8020,
15.9246

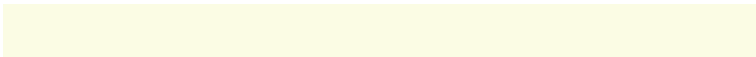
■ 38.1610, 72.7292,
13.3233

■ 36.7833, 72.0440,
12.1252

Harmonies

Analogous

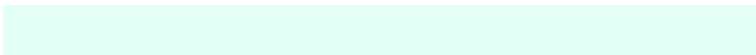
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.7326, 95.6953, 87.4729



86.0153, 95.6953, 92.5348



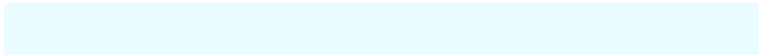
84.6328, 95.6953, 100.9359

Triad

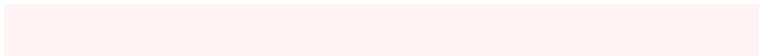
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.0153, 95.6953, 92.5348



89.8100, 95.6953, 123.8622



97.2795, 95.6953, 97.9079

Complementary

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



86.0153, 95.6953, 92.5348



87.9039, 87.3333, 106.8317

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.



97.5855, 95.6953, 107.5254



86.0153, 95.6953, 92.5348



93.2153, 95.6953, 122.9251

Square

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



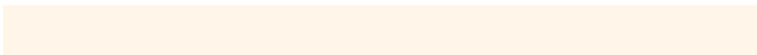
86.0153, 95.6953, 92.5348



86.7870, 95.6953, 119.2832



96.0813, 95.6953, 116.7977



95.2554, 95.6953, 90.4377

Rectangle

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



86.0153, 95.6953, 92.5348



84.6300, 95.6953, 107.4764



96.0813, 95.6953, 116.7977



97.5886, 95.6953, 100.9829

Sweetspot

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



86.0161, 95.6957, 92.5363



92.6627, 98.8629, 104.5589



91.0462, 96.8793, 92.4996



19.8587, 21.1727, 22.4254



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.



86.0161, 95.6957, 92.5363



84.7564, 95.0951, 90.2692



86.0488, 95.5934, 97.9215



18.0251, 20.2988, 19.1124



19.1833, 37.6274, 6.2518



1.9390, 3.7004, 0.6120

Inverse Universe

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



87.9039, 87.3333, 106.8317



86.9055, 85.5743, 106.5448



87.8922, 87.4551, 101.0556



18.5092, 18.1542, 22.7785



24.4465, 11.5131, 50.3684



2.4497, 1.1568, 4.9074

Previews

White Background



This preview shows how the XYZ color 86.0153, 95.6953, 92.5348 looks on a white background.

Color Contrast Check

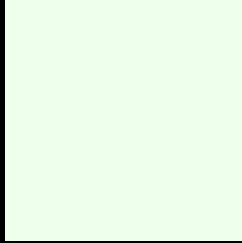
Large Text (above 18pt) WCAG AA × Fail

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 86.0153, 95.6953, 92.5348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

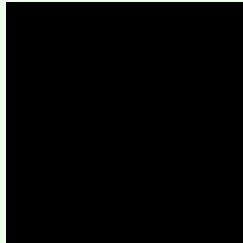
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

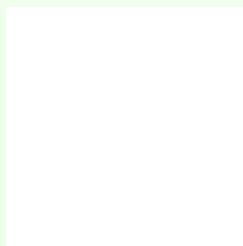
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.0153, 95.6953, 92.5348

Background



This preview shows how black text looks on a background with the XYZ color 86.0153, 95.6953, 92.5348.



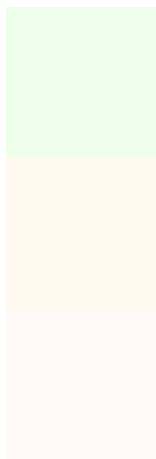
This preview shows how white text looks on a background with the XYZ color 86.0153, 95.6953,

92.5348.

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

86.0153, 95.6953, 92.5348

Protanopia

90.8439, 95.3026, 96.0453

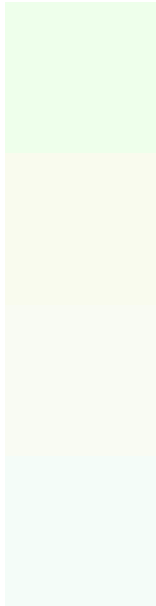
Deuteranopia

92.0590, 95.7887, 102.4440

Tritanopia

90.9470, 95.5477, 108.2569

Trichromacy



Original Color

86.0153, 95.6953, 92.5348

Protanomaly

88.9967, 95.3071, 94.5944

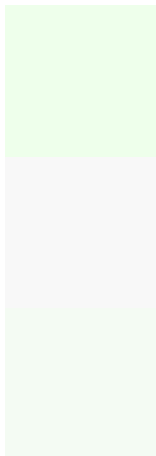
Deuteranomaly

89.7418, 95.6052, 98.5178

Tritanomaly

89.0619, 95.6312, 102.5715

Monochromacy



Original Color

86.0153, 95.6953, 92.5348

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

87.9831, 94.6985, 98.4355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.0153, 95.6953, 92.5348 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(238, 255, 235)` looks like.

```
.text, #text, p{  
    color:rgb(238, 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(238, 255, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 255, 235) }
```

Border

The CSS property to change the border of an element to XYZ 86.0153, 95.6953, 92.5348 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(238, 255, 235) }
```


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

```
.border{ border-color:rgb(238, 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(238, 255, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 255, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 255, 235);  
box-shadow:4px 4px 4px 4px rgb(238, 255,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 86.0153, 95.6953, 92.5348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 255, 235) }
```

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

```
.background{ background-color: rgb(238,  
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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