

Converting Colors

XYZ(81.0450, 85.2715, 92.8598)

Have a look what the booklet for
XYZ(81.0450, 85.2715, 92.8598)
contains.

XYZ(81.2670, 85.4993, 93.1087)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(81.2670, 85.4993,
93.1087)**

Conversions

Conversions Part 1

Format	Color
Hex	EEEEEE
RGB	238, 238, 238
RGB Percent	93%, 93%, 93%
CMY	0.0667, 0.0666, 0.0667
CMYK	0.00, 0.00, 0.00, 0.07
HSL	125°, 0%, 93%
HSV	125°, 0%, 93%
XYZ	81.2670, 85.4993, 93.1087
YIQ	238.0000, -0.0000, 0.0000

Conversions

Conversions Part 2

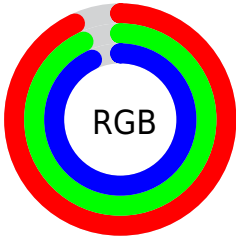
Format	Color
R _Y B	238, 238, 238
Decimal	15658734
CIE Lab	94.10, 0.00, -0.01
CIE LCh	94, 0.011, 296.105
Yxy	85.4993, 0.3127, 0.3290
Android (android.graphics.Color)	4293848814 (0xFFEEEEEE)
YUV	238.0000, 0.0000, 0.0000
Hunter-Lab	92.4658, -4.9339, 5.0239

Details

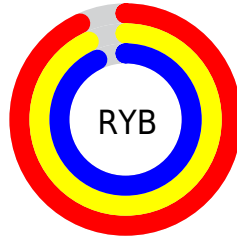
The XYZ color **81.2670, 85.4993, 93.1087** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.2702, 85.5013, 93.1131**, and the grayscale version is **81.2701, 85.5025, 93.1122**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.4628, 46.7784, 50.9417** is the 20% darker color. If you saturate the color by 10%, you get **70.7726, 80.4413, 76.8228**, and if you desaturate by 10%, it is **89.8662, 89.6325, 107.1721**.

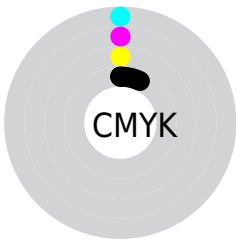
Distribution



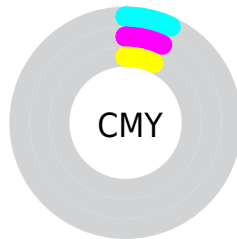
- Red (93%)
- Green (93%)
- Blue (93%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.2670, 85.4993, 93.1087 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 81.2670, 85.4993, 93.1087 by changing the saturation by 10% instead.

81.2670, 85.4993,
93.1087

81.2670, 85.4993,
93.1087

487.8643,
513.2788, 558.9212

61.0736, 64.2540,
69.9737

134.0868,
141.0706, 153.6221

44.5373, 46.8564,
51.0284

167.4439,
176.1653, 191.8376

31.2929, 32.9222,
35.8543

205.9196,
216.6454, 235.9169

20.9749, 22.0668,
24.0329

249.8792,
262.8951, 286.2788

13.2180, 13.9060,
15.1456

299.6881,
315.2989, 343.3415

7.6569, 8.0553,
8.7739

355.7117,

3.9261, 4.1304,

374.2412, 407.5239

4.4992

418.3153,
440.1064, 479.2442

■ 1.6604, 1.7468,
1.9030

■ 0.4313, 0.4537,
0.4946

■ 81.2670, 85.4993,
93.1087

■ 81.2670, 85.4993,
93.1087

■ 70.7726, 80.4413,
76.8228

■ 89.8662, 89.6325,
107.1721

■ 61.6690, 76.0542,
62.5726

■ 53.8999, 72.3131,
50.2798

■ 47.4025, 69.1875,
39.8589

■ 42.1090, 66.6444,
31.2181

■ 37.9451, 64.6476,
24.2579

■ 34.8284, 63.1569,
18.8690

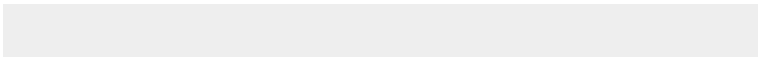
■ 32.6651, 62.1266,
14.9290

■ 31.3446, 61.5028,
12.2977

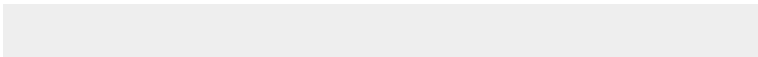
Harmonies

Analogous

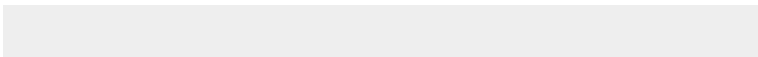
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.2641, 85.4993, 93.1103



81.2670, 85.4993, 93.1087



81.2692, 85.4993, 93.1032

Triad

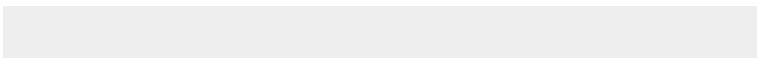
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.2670, 85.4993, 93.1087



81.2677, 85.4993, 93.0808



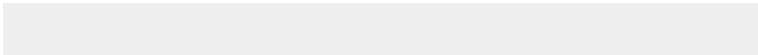
81.2589, 85.4993, 93.0931

Complementary

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



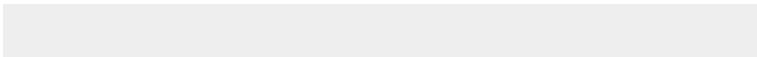
81.2670, 85.4993, 93.1087



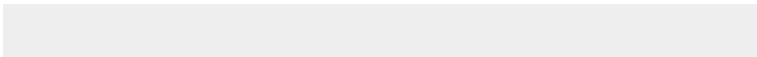
81.2702, 85.5013, 93.1131

Split Complementary

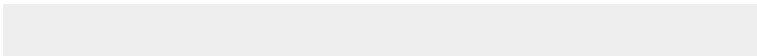
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.2598, 85.4993, 93.0852



81.2670, 85.4993, 93.1087



81.2649, 85.4993, 93.0781

Square

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



81.2670, 85.4993, 93.1087



81.2696, 85.4993, 93.0871



81.2620, 85.4993, 93.0797



81.2595, 85.4993, 93.1013

Rectangle

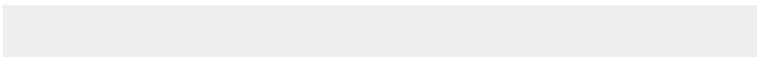
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.2670, 85.4993, 93.1087



81.2700, 85.4993, 93.0981



81.2620, 85.4993, 93.0797



81.2590, 85.4993, 93.0903

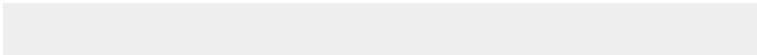
Sweetspot

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



81.2694, 85.5030, 93.1106

95.0500, 100.0000, 108.9000



81.2708, 85.5037, 93.1104



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

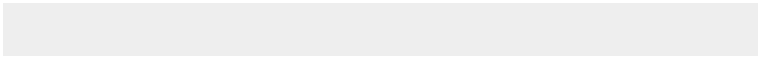
Same Dimension

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



81.2694, 85.5030, 93.1106

95.0500, 100.0000, 108.9000



81.2697, 85.5031, 93.1123



17.8044, 18.7317, 20.3988



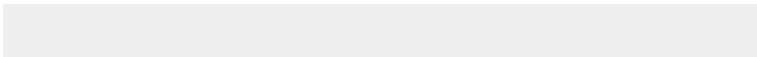
17.1407, 34.1483, 6.1237



1.4434, 2.8478, 0.6014

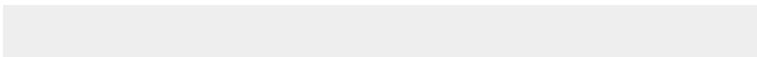
Inverse Universe

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



81.2702, 85.5013, 93.1131

95.0500, 100.0000, 108.9000



81.2699, 85.5012, 93.1114



17.8044, 18.7317, 20.3988



26.8362, 13.0069, 38.6498



2.2485, 1.0884, 3.2992

Previews

White Background



This preview shows how the XYZ color 81.2670, 85.4993, 93.1087 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 81.2670, 85.4993, 93.1087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

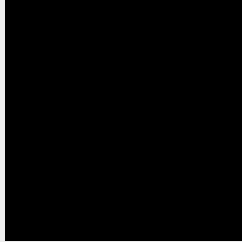
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

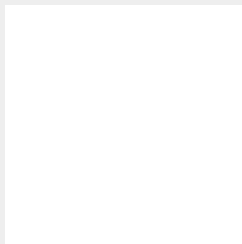
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.2670, 85.4993, 93.1087

Background



This preview shows how black text looks on a background with the XYZ color 81.2670, 85.4993, 93.1087.



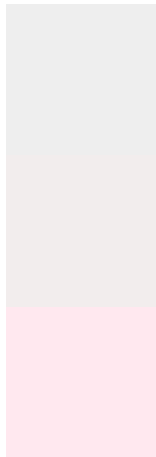
This preview shows how white text looks on a background with the XYZ color 81.2670, 85.4993,

93.1087.

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

81.2670, 85.4993, 93.1087

Protanopia

82.1882, 85.5600, 92.3037

Deuteranopia

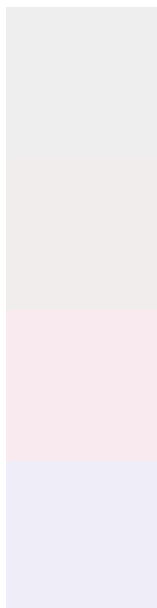
85.6766, 85.2052, 93.5920



Tritanopia

83.8200, 85.6719, 105.8845

Trichromacy



Original Color

81.2670, 85.4993, 93.1087

Protanomaly

81.8459, 85.3836, 92.2877

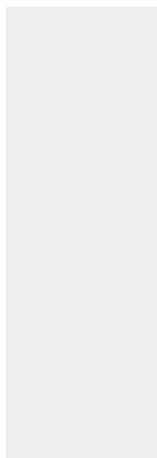
Deuteranomaly

84.0697, 85.2174, 93.6790

Tritanomaly

82.8241, 85.6964, 100.9827

Monochromacy



Original Color

81.2670, 85.4993, 93.1087

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.2670, 85.4993, 93.1087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.2670, 85.4993, 93.1087 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, 238, 238) looks like.

```
.text, #text, p{  
    color:rgb(238, 238, 238)  
}
```

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, 238, 238) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 81.2670, 85.4993, 93.1087 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, 238, 238) }
```

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

```
.border{ border-color:rgb(238, 238, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 238, 238)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to XYZ 81.2670, 85.4993, 93.1087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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