

Converting Colors

XYZ(79.5582, 87.8849, 93.7861)

Have a look what the booklet for
XYZ(79.5582, 87.8849, 93.7861)
contains.

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Color

**XYZ(79.4491, 87.6466,
93.6190)**

Conversions

Conversions Part 1

Format	Color
Hex	E2F5EE
RGB	226, 245, 238
RGB Percent	89%, 96%, 93%
CMY	0.1137, 0.0392, 0.0667
CMYK	0.08, 0.00, 0.03, 0.04
HSL	158°, 49%, 92%
HSV	158°, 8%, 96%
XYZ	79.4491, 87.6466, 93.6190
YIQ	238.5210, -9.0770, -6.2050

Conversions

Conversions Part 2

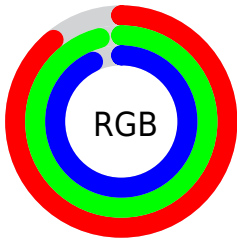
Format	Color
R _{YB}	226, 238, 245
Decimal	14874094
CIE Lab	95.01, -7.50, 1.22
CIE LCh	95, 7.599, 170.762
Yxy	87.6466, 0.3047, 0.3362
Android (android.graphics.Color)	4293064174 (0xFFE2F5EE)
YUV	238.5210, -0.2569, -10.9809
Hunter-Lab	93.6198, -12.3531, 6.2443

Details

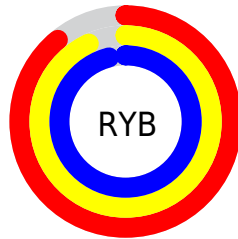
The XYZ color **79.4491, 87.6466, 93.6190** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.5638, 79.6908, 88.2834**, and the grayscale version is **81.6809, 85.9347, 93.5829**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4357, 48.4305, 51.3147** is the 20% darker color. If you saturate the color by 10%, you get **71.0154, 83.4508, 86.4731**, and if you desaturate by 10%, it is **89.0521, 92.4424, 101.1707**.

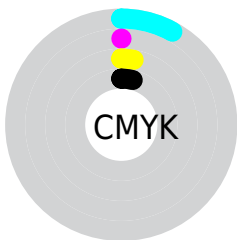
Distribution



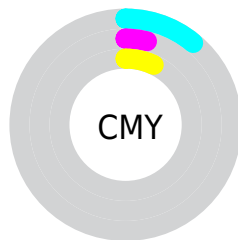
- Red (89%)
- Green (96%)
- Blue (93%)



- Red (89%)
- Yellow (93%)
- Blue (96%)



- Cyan (8%)
- Magenta (0%)
- Yellow (3%)
- Black (4%)





- Cyan (11%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.4491, 87.6466, 93.6190 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 79.4491, 87.6466, 93.6190 by changing the saturation by 10% instead.


 79.4491, 87.6466,
93.6190

 79.4491, 87.6466,
93.6190


481.8392,
520.3452, 560.6053

 59.5720, 66.0304,
70.3956


131.5455,
144.0651, 154.3344

 43.3219, 48.2971,
51.3703


164.4956,
179.6361, 192.6635

 30.3334, 34.0622,
36.1246

202.5340,
220.6276, 236.8649

 20.2411, 22.9414,
24.2400

246.0262,
267.4239, 287.3572

 12.6797, 14.5503,
15.2979

295.3374,
320.4094, 344.5588

 7.2838, 8.5044,
8.8798

350.8331,

 3.6881, 4.4193,

379.9686, 408.8883

4.5671

412.8786,
446.4857, 480.7643

■ 1.5273, 1.9108,
1.9413

■ 0.3443, 0.5549,
0.5188

■ 79.4491, 87.6466,
93.6190

■ 79.4491, 87.6466,
93.6190

■ 71.0154, 83.4508,
86.4731

■ 89.0521, 92.4424,
101.1707

■ 63.6964, 79.8196,
79.7198

■ 91.9440, 93.7881,
107.8647

■ 57.4438, 76.7307,
73.3537

■ 52.2030, 74.1560,
67.3669

■ 47.9143, 72.0650,
61.7512

■ 44.5117, 70.4236,
56.4979

■ 41.9199, 69.1933,
51.5979

■ 40.0508, 68.3286,
47.0413

■ 38.7861, 67.7689,
42.8164

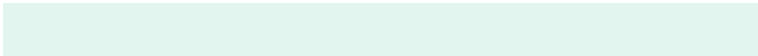
Harmonies

Analogous

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



80.2691, 87.6466, 88.4213



79.4491, 87.6466, 93.6190



79.6491, 87.6466, 99.5185

Triad

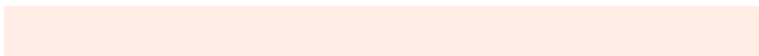
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.4491, 87.6466, 93.6190



84.7203, 87.6466, 106.4603



85.8413, 87.6466, 86.8964

Complementary

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



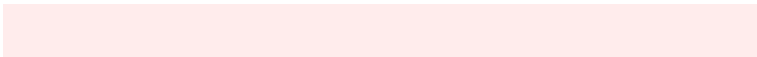
79.4491, 87.6466, 93.6190



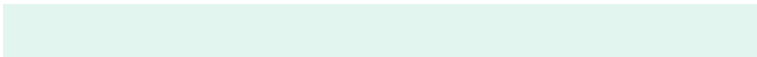
79.5638, 79.6908, 88.2834

Split Complementary

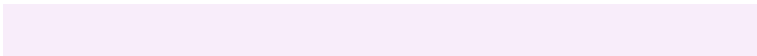
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.0721, 87.6466, 91.4594



79.4491, 87.6466, 93.6190



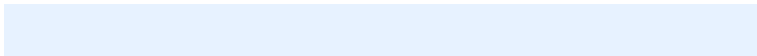
86.4174, 87.6466, 102.8043

Square

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



79.4491, 87.6466, 93.6190



82.6699, 87.6466, 107.0969



87.2846, 87.6466, 97.2688



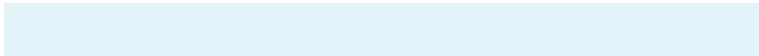
83.9443, 87.6466, 84.6469

Rectangle

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



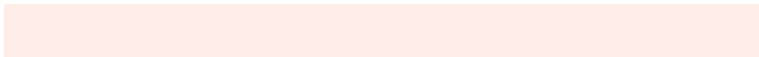
79.4491, 87.6466, 93.6190



80.3353, 87.6466, 103.0478



87.2846, 87.6466, 97.2688



86.3480, 87.6466, 88.2015

Sweetspot

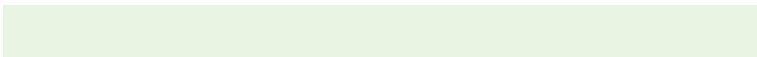
The Sweet Spot groups the original color and five complimentary colors.



79.4516, 87.6503, 93.6209



92.8973, 98.9251, 107.2273



80.0797, 88.1711, 84.7510



19.9064, 21.1853, 22.9687



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.



79.4516, 87.6503, 93.6209



85.7728, 95.3713, 101.5133



79.8342, 86.7366, 98.9247



16.7225, 18.6481, 19.8231



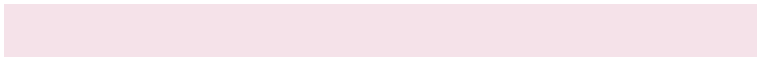
20.8336, 36.4783, 22.9411



1.8805, 3.2259, 2.2767

Inverse Universe

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



79.5638, 79.6908, 88.2834



85.9145, 85.3229, 94.7752



79.1895, 80.5120, 83.3196



16.7516, 16.5835, 18.4386



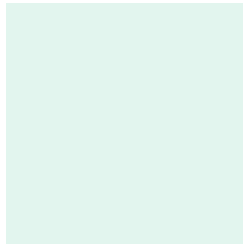
21.3481, 10.8827, 6.5416



1.9241, 0.9756, 0.8266

Previews

White Background



This preview shows how the XYZ color 79.4491, 87.6466, 93.6190 looks on a white background.

Color Contrast Check

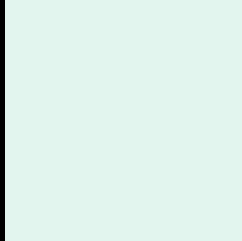
Large Text (above 18pt) WCAG AA × Fail

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 79.4491, 87.6466, 93.6190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

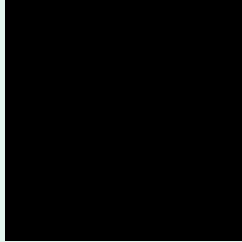
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

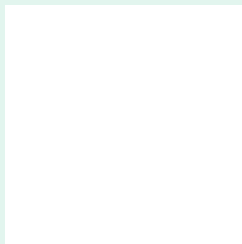
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.4491, 87.6466, 93.6190

Background



This preview shows how black text looks on a background with the XYZ color 79.4491, 87.6466, 93.6190.



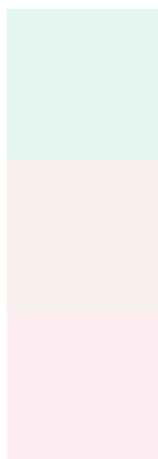
This preview shows how white text looks on a background with the XYZ color 79.4491, 87.6466,

93.6190.

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

79.4491, 87.6466, 93.6190

Protanopia

83.8679, 87.3240, 91.0322

Deuteranopia

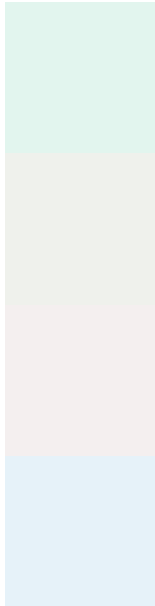
86.9636, 87.5422, 94.7519



Tritanopia

83.1096, 87.4542, 107.1078

Trichromacy



Original Color

79.4491, 87.6466, 93.6190

Protanomaly

82.1922, 87.3174, 91.8788

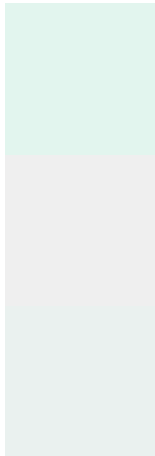
Deuteranomaly

83.7547, 87.1981, 94.0779

Tritanomaly

81.4841, 87.1668, 102.1527

Monochromacy



Original Color

79.4491, 87.6466, 93.6190

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

80.9670, 86.6350, 94.1162

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4491, 87.6466, 93.6190 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(226, 245, 238) looks like.

```
.text, #text, p{  
    color:rgb(226, 245, 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(226, 245, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 245, 238) }
```

Border

The CSS property to change the border of an element to XYZ 79.4491, 87.6466, 93.6190 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(226, 245, 238) }
```


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

```
.border{ border-color:rgb(226, 245, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 245, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 245, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 245, 238); box-shadow:4px 4px 4px 4px rgb(226, 245, 238) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4491, 87.6466, 93.6190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 245, 238) }
```

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

```
.background{ background-color: rgb(226,  
245, 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](#).

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