

Converting Colors

XYZ(78.2092, 87.0075, 93.5610)

Have a look what the booklet for
XYZ(78.2092, 87.0075, 93.5610)
contains.

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Color

**XYZ(78.2092, 87.0075,
93.5610)**

Conversions

Conversions Part 1

Format	Color
Hex	DEF5EE
RGB	222, 245, 238
RGB Percent	87%, 96%, 93%
CMY	0.1294, 0.0392, 0.0667
CMYK	0.09, 0.00, 0.03, 0.04
HSL	162°, 54%, 92%
HSV	162°, 9%, 96%
XYZ	78.2092, 87.0075, 93.5610
YIQ	237.3250, -11.4610, -7.0530

Conversions

Conversions Part 2

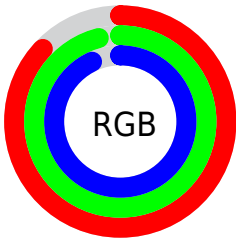
Format	Color
R _Y B	222, 236, 245
Decimal	14611950
CIE Lab	94.74, -8.80, 0.79
CIE LCh	95, 8.833, 174.850
Yxy	87.0075, 0.3022, 0.3362
Android (android.graphics.Color)	4292802030 (0xFFDEF5EE)
YUV	237.3250, 0.3328, -13.4400
Hunter-Lab	93.2778, -13.5720, 5.8245

Details

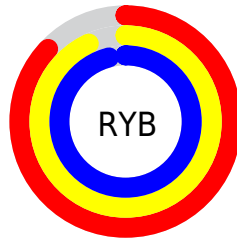
The XYZ color **78.2092, 87.0075, 93.5610** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.9234, 77.3143, 84.9489**, and the grayscale version is **80.7526, 84.9580, 92.5192**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.5774, 47.9881, 51.2745** is the 20% darker color. If you saturate the color by 10%, you get **70.1707, 82.9899, 87.5831**, and if you desaturate by 10%, it is **87.3885, 91.6127, 99.8330**.

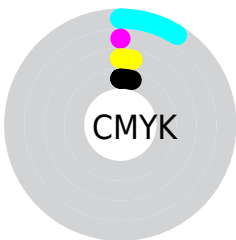
Distribution



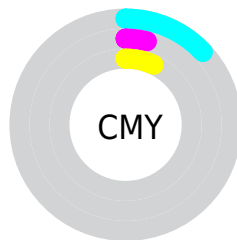
- Red (87%)
- Green (96%)
- Blue (93%)



- Red (87%)
- Yellow (93%)
- Blue (96%)



- Cyan (9%)
- Magenta (0%)
- Yellow (3%)
- Black (4%)



- Cyan (13%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.2092, 87.0075, 93.5610 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 78.2092, 87.0075, 93.5610 by changing the saturation by 10% instead.

78.2092, 87.0075,
93.5610

78.2092, 87.0075,
93.5610

477.7060,
518.2475, 560.4141

58.5492, 65.5014,
70.3476

129.8088,
143.1746, 154.2535

42.4953, 47.8678,
51.3314

162.4791,
178.6044, 192.5697

29.6821, 33.7222,
36.0939

200.2169,
219.4442, 236.7572

19.7443, 22.6803,
24.2164

243.3876,
266.0785, 287.2346

12.3165, 14.3576,
15.2806

292.3565,
318.8915, 344.4205

7.0333, 8.3698,
8.8677

347.4890,

3.5295, 4.3325,

378.2678, 408.7333

4.5594

409.1503,
444.5916, 480.5917

■ 1.4396, 1.8612,
1.9370

■ 0.2841, 0.5249,
0.5161

■ 78.2092, 87.0075,
93.5610

■ 78.2092, 87.0075,
93.5610

■ 70.1707, 82.9899,
87.5831

■ 87.3885, 91.6127,
99.8330

■ 63.2182, 79.5247,
81.8885

■ 91.6111, 93.6550,
106.1110

■ 57.3035, 76.5892,
76.4738

■ 91.9441, 93.7882,
107.8647

■ 52.3715, 74.1554,
71.3335

■ 48.3622, 72.1922,
66.4618

■ 45.2086, 70.6652,
61.8525

■ 42.8343, 69.5351,
57.4990

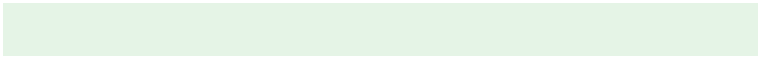
■ 41.1487, 68.7552,
53.3937

■ 40.0108, 68.2530,
49.5269

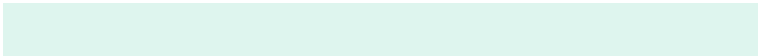
Harmonies

Analogous

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



79.0006, 87.0075, 87.3663



78.2092, 87.0075, 93.5610



78.6016, 87.0075, 100.3701

Triad

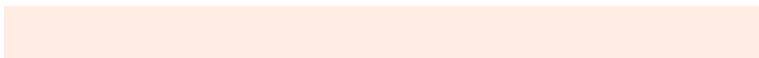
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.2092, 87.0075, 93.5610



84.6424, 87.0075, 107.1754



85.3695, 87.0075, 84.3870

Complementary

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



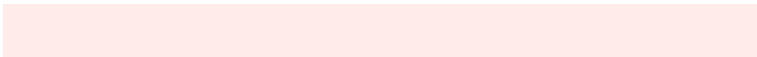
78.2092, 87.0075, 93.5610



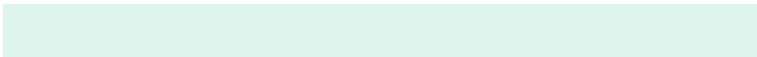
77.9234, 77.3143, 84.9489

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.



86.9344, 87.0075, 89.3175



78.2092, 87.0075, 93.5610



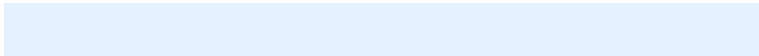
86.5090, 87.0075, 102.5097

Square

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



78.2092, 87.0075, 93.5610



82.2866, 87.0075, 108.4446



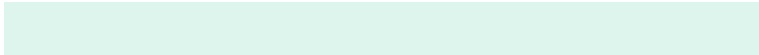
87.3554, 87.0075, 95.9216



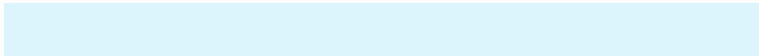
83.1108, 87.0075, 82.2350

Rectangle

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



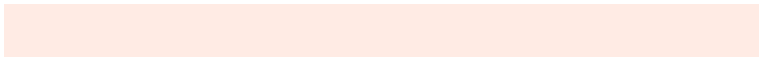
78.2092, 87.0075, 93.5610



79.4856, 87.0075, 104.3153



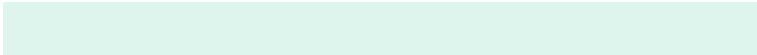
87.3554, 87.0075, 95.9216



85.9958, 87.0075, 85.7626

Sweetspot

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



78.2117, 87.0112, 93.5629



91.9185, 98.4287, 106.8079



78.2436, 87.2873, 81.8326



19.4994, 20.9801, 22.7426



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.



78.2117, 87.0112, 93.5629



84.1280, 94.5249, 101.3704



77.9996, 84.9080, 98.6685



16.7693, 18.6668, 20.0693



21.5846, 36.7787, 26.8961



1.9427, 3.2507, 2.6040

Inverse Universe

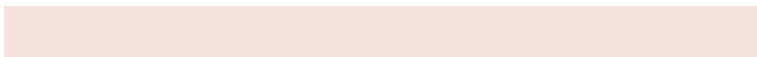
The Inverse Universe completely reimagines the original color for something new.



77.9234, 77.3143, 84.9489



83.7617, 82.1974, 90.4200



78.0991, 79.1994, 80.2791



16.7068, 16.5656, 18.2027



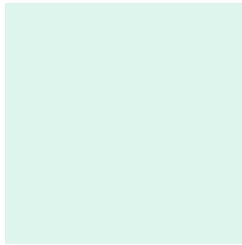
21.0166, 10.7501, 4.7958



1.8910, 0.9624, 0.6522

Previews

White Background



This preview shows how the XYZ color 78.2092, 87.0075, 93.5610 looks on a white background.

Color Contrast Check

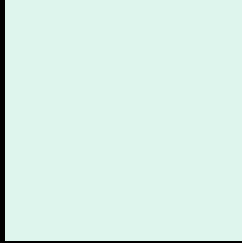
Large Text (above 18pt) WCAG AA × Fail

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 78.2092, 87.0075, 93.5610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

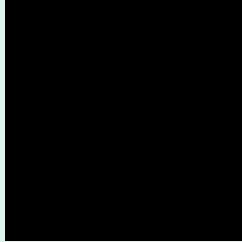
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

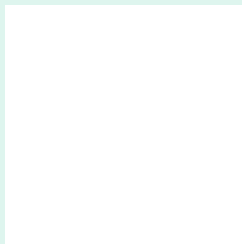
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.2092, 87.0075, 93.5610

Background



This preview shows how black text looks on a background with the XYZ color 78.2092, 87.0075, 93.5610.



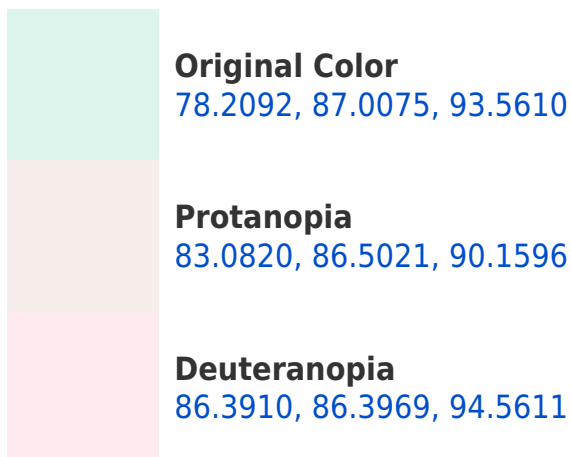
This preview shows how white text looks on a background with the XYZ color 78.2092, 87.0075,

93.5610.

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

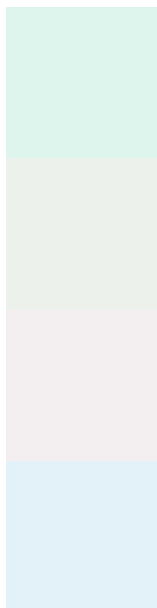




Tritanopia

82.1384, 86.9536, 107.0623

Trichromacy



Original Color

78.2092, 87.0075, 93.5610

Protanomaly

81.3757, 86.9133, 91.0842

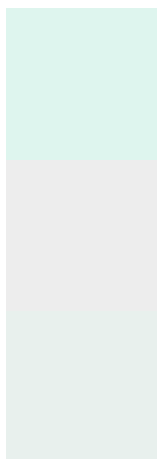
Deuteranomaly

83.1167, 86.4358, 93.9644

Tritanomaly

80.5296, 86.6747, 102.1081

Monochromacy



Original Color

78.2092, 87.0075, 93.5610

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

79.7249, 85.5904, 92.4394

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.2092, 87.0075, 93.5610 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(222, 245, 238)` looks like.

```
.text, #text, p{  
    color:rgb(222, 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(222, 245, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 245, 238) }
```

Border

The CSS property to change the border of an element to XYZ 78.2092, 87.0075, 93.5610 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(222, 245, 238) }
```


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

```
.border{ border-color:rgb(222, 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(222, 245, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 245, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 245, 238);  
box-shadow:4px 4px 4px 4px rgb(222, 245,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 78.2092, 87.0075, 93.5610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 245, 238) }
```

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

```
.background{ background-color: rgb(222,  
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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