

Converting Colors

XYZ(94.2271, 89.6223, 97.1314)

Have a look what the booklet for
XYZ(94.2271, 89.6223, 97.1314)
contains.

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Color

**XYZ(86.2743, 85.4443,
96.7393)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | FFE8F3 |
| RGB | 255, 232, 243 |
| RGB Percent | 100%, 91%, 95% |
| CMY | 0.0000, 0.0902, 0.0471 |
| CMYK | 0.00, 0.09, 0.05, 0.00 |
| HSL | 331°, 100%, 95% |
| HSV | 331°, 9%, 100% |
| XYZ | 86.2743, 85.4443, 96.7393 |
| YIQ | 240.1310, 10.1770, 8.2970 |

Conversions

Conversions Part 2

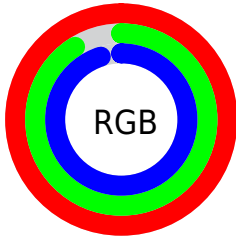
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 255, 232, 243 |
| Decimal | 16771315 |
| CIE _{Lab} | 94.07, 9.66, -2.49 |
| CIE _{LCh} | 94, 9.975, 345.565 |
| Y _{xy} | 85.4443, 0.3214, 0.3183 |
| Android (android.graphics.Color) | 4294961395 (0xFFFFE8F3) |
| YUV | 240.1310, 1.4144, 13.0401 |
| Hunter-Lab | 92.4361, 4.8380, 2.6551 |

Details

The XYZ color **86.2743, 85.4443, 96.7393** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.3704, 95.2087, 99.4690**, and the grayscale version is **82.9124, 87.2303, 94.9938**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.7837, 46.6443, 53.4985** is the 20% darker color. If you saturate the color by 10%, you get **77.6735, 71.3427, 84.3157**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

Distribution



Red (100%)

Green (91%)

Blue (95%)



Red (100%)

Yellow (91%)

Blue (95%)

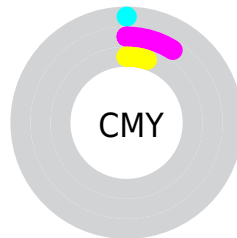


Cyan (0%)

Magenta (9%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.2743, 85.4443, 96.7393 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 86.2743, 85.4443, 96.7393 by changing the saturation by 10% instead.


 86.2743, 85.4443,
96.7393

 86.2743, 85.4443,
96.7393


504.2556,
513.0971, 570.8443

 65.2208, 64.2086,
72.9786


141.0571,
140.9938, 158.6815

 47.9055, 46.8196,
53.4667


175.5171,
176.0763, 197.7001

 33.9630, 32.8931,
37.7852


215.1767,
216.5432, 242.6417

 23.0280, 22.0445,
25.5155

260.4012,
262.7788, 293.9249

 14.7350, 13.8896,
16.2390

311.5560,
315.1677, 351.9682

 8.7187, 8.0439,
9.5373

369.0064,

 4.6138, 4.1231,

374.0940, 417.1902

4.9917

433.1179,
439.9424, 490.0094

■ 2.0549, 1.7426,
2.1837

■ 0.6645, 0.4510,
0.6650

■ 86.2743, 85.4443,
96.7393

■ 86.2743, 85.4443,
96.7393

■ 77.6735, 71.3427,
84.3157

95.0500, 100.0000,
108.9000

■ 70.2102, 59.2882,
72.9734

■ 63.8352, 49.1872,
62.6817

■ 58.4934, 40.9348,
53.4061

■ 54.1246, 34.4161,
45.1096

■ 50.6621, 29.5031,
37.7526

■ 48.0300, 26.0501,
31.2916

■ 46.1388, 23.8841,
25.6776

■ 44.8579, 22.7507,
20.8472

Harmonies

Analogous

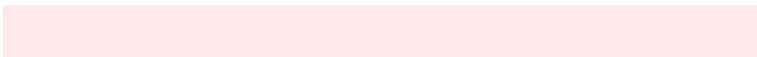
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.9248, 85.4443, 103.6869



86.2743, 85.4443, 96.7393



86.2471, 85.4443, 89.1534

Triad

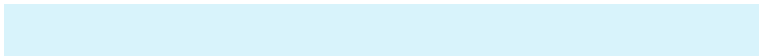
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.2743, 85.4443, 96.7393



79.8456, 85.4443, 79.6064



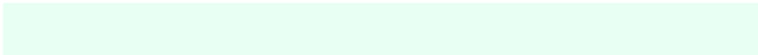
77.6788, 85.4443, 103.9068

Complementary

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



86.2743, 85.4443, 96.7393



85.3704, 95.2087, 99.4690

Split Complementary

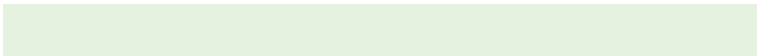
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.3773, 85.4443, 97.0262



86.2743, 85.4443, 96.7393



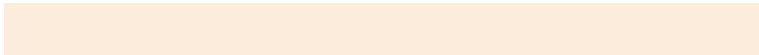
77.6095, 85.4443, 83.1376

Square

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



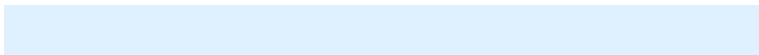
86.2743, 85.4443, 96.7393



82.4958, 85.4443, 79.5390



76.3522, 85.4443, 89.4252



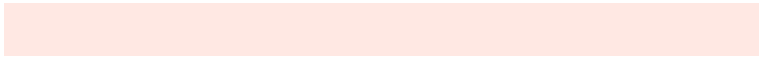
79.9421, 85.4443, 107.9758

Rectangle

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



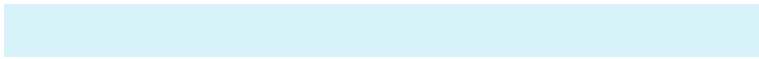
86.2743, 85.4443, 96.7393



85.4505, 85.4443, 84.7605



76.3522, 85.4443, 89.4252



77.1165, 85.4443, 101.8298

Sweetspot

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



86.2762, 85.4478, 96.7411



92.0218, 94.9614, 104.7529



84.1771, 84.1493, 106.4136



19.5272, 20.0446, 22.1879



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

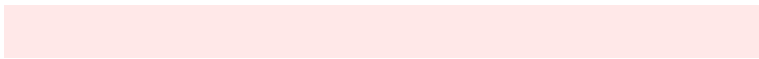
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.2762, 85.4478, 96.7411



84.4776, 82.4837, 94.1899



84.7726, 85.0191, 88.2907



18.3711, 18.1318, 20.5715



23.4568, 11.8720, 11.0559



2.3387, 1.1779, 1.3651

Inverse Universe

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



86.2762, 85.4478, 96.7411



84.4776, 82.4837, 94.1899



86.9685, 95.6525, 108.4868



18.3711, 18.1318, 20.5715



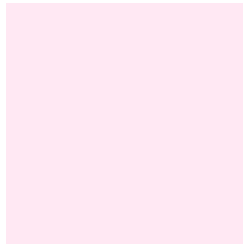
23.4568, 11.8720, 11.0559



2.3387, 1.1779, 1.3651

Previews

White Background



This preview shows how the XYZ color 86.2743, 85.4443, 96.7393 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 86.2743, 85.4443, 96.7393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

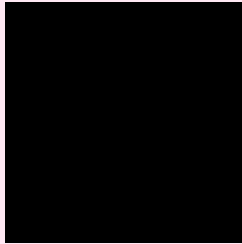
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.2743, 85.4443, 96.7393

Background



This preview shows how black text looks on a background with the XYZ color 86.2743, 85.4443, 96.7393.



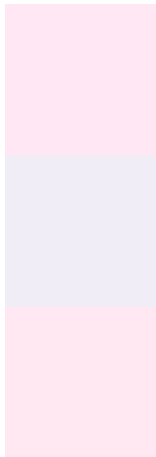
This preview shows how white text looks on a background with the XYZ color 86.2743, 85.4443,

96.7393.

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

86.2743, 85.4443, 96.7393

Protanopia

82.8539, 85.7475, 99.3728

Deuteranopia

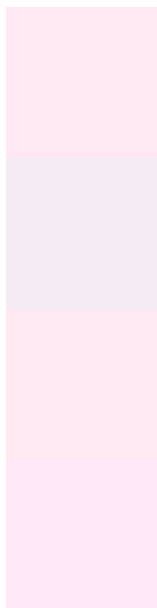
86.1236, 85.3840, 95.9460



Tritanopia

86.9148, 85.2514, 101.4968

Trichromacy



Original Color

86.2743, 85.4443, 96.7393

Protanomaly

83.8459, 85.4217, 98.4551

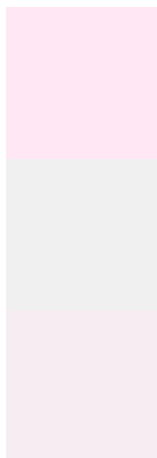
Deuteranomaly

86.1236, 85.3840, 95.9460

Tritanomaly

86.6044, 85.1272, 99.8623

Monochromacy



Original Color

86.2743, 85.4443, 96.7393

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

83.8176, 86.3317, 95.4651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.2743, 85.4443, 96.7393 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(255, 232, 243) looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 243)  
}
```

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(255, 232, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 243) }
```

Border

The CSS property to change the border of an element to XYZ 86.2743, 85.4443, 96.7393 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(255, 232, 243) }
```


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

```
.border{ border-color:rgb(255, 232, 243) }
```

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

Here you see how a box with a 4 pixel rgb(255, 232, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 232, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 232, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 232,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 86.2743, 85.4443, 96.7393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 232, 243) }
```

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

```
.background{ background-color: rgb(255,  
232, 243) }
```

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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