

Converting Colors

XYZ(77.3779, 84.2646, 91.6229)

Have a look what the booklet for
XYZ(77.3779, 84.2646, 91.6229)
contains.

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Color

**XYZ(77.3517, 84.3839,
91.5677)**

Conversions

Conversions Part 1

Format	Color
Hex	E1F0EC
RGB	225, 240, 236
RGB Percent	88%, 94%, 93%
CMY	0.1176, 0.0588, 0.0745
CMYK	0.06, 0.00, 0.02, 0.06
HSL	164°, 33%, 91%
HSV	164°, 6%, 94%
XYZ	77.3517, 84.3839, 91.5677
YIQ	235.0590, -7.6560, -4.4240

Conversions

Conversions Part 2

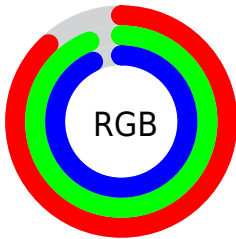
Format	Color
R _Y B	225, 234, 240
Decimal	14807276
CIE Lab	93.62, -5.67, 0.21
CIE LCh	94, 5.674, 177.836
Yxy	84.3839, 0.3054, 0.3331
Android (android.graphics.Color)	4292997356 (0xFFE1F0EC)
YUV	235.0590, 0.4639, -8.8217
Hunter-Lab	91.8607, -10.4496, 5.2016

Details

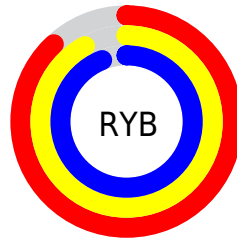
The XYZ color **77.3517, 84.3839, 91.5677** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.0063, 78.0349, 85.1363**, and the grayscale version is **79.0133, 83.1282, 90.5266**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.9563, 46.1223, 49.8712** is the 20% darker color. If you saturate the color by 10%, you get **69.4758, 80.4317, 86.4296**, and if you desaturate by 10%, it is **86.3175, 88.8988, 96.9345**.

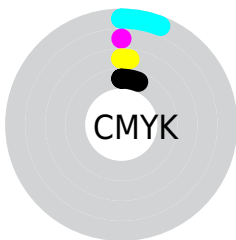
Distribution



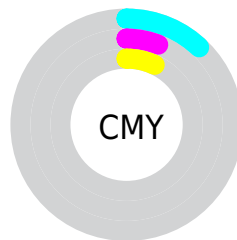
- Red (88%)
- Green (94%)
- Blue (93%)



- Red (88%)
- Yellow (92%)
- Blue (94%)



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (6%)



- Cyan (12%)
- Magenta (6%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.3517, 84.3839, 91.5677 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 77.3517, 84.3839, 91.5677 by changing the saturation by 10% instead.

77.3517, 84.3839,
91.5677

77.3517, 84.3839,
91.5677

474.8359,
509.5872, 553.8186

57.8425, 63.3324,
68.7006

128.6060,
139.5121, 151.4686

41.9248, 46.1102,
49.9977

161.0819,
174.3576, 189.3394

29.2333, 32.3328,
35.0404

198.6107,
214.5699, 233.0486

19.4025, 21.6158,
23.4102

241.5577,
260.5334, 283.0147

12.0672, 13.5749,
14.6885

290.2884,
312.6324, 339.6562

6.8620, 7.8256,
8.4569

345.1681,

3.4215, 3.9836,

371.2515, 403.3917

4.2967

406.5621,
436.7750, 474.6396

■ 1.3804, 1.6644,
1.7895

■ 0.2422, 0.4004,
0.4210

■ 77.3517, 84.3839,
91.5677

■ 77.3517, 84.3839,
91.5677

■ 69.4758, 80.4317,
86.4296

■ 86.3175, 88.8988,
96.9345

■ 62.6385, 77.0087,
81.5108

■ 89.4712, 90.4112,
102.2036

■ 56.7953, 74.0945,
76.8091

■ 90.4517, 90.8035,
107.3672

■ 51.8955, 71.6628,
72.3203

■ 47.8837, 69.6852,
68.0399

■ 44.6988, 68.1303,
63.9631

■ 42.2715, 66.9623,
60.0847

■ 40.5209, 66.1396,
56.3990

■ 39.3464, 65.6103,
52.8992

Harmonies

Analogous

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



77.7833, 84.3839, 87.5449



77.3517, 84.3839, 91.5677



77.6765, 84.3839, 95.7979

Triad

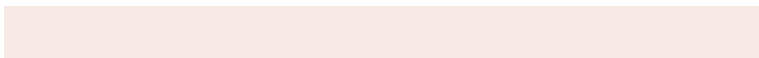
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.3517, 84.3839, 91.5677



81.5611, 84.3839, 99.3927



81.7523, 84.3839, 85.0516

Complementary

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



77.3517, 84.3839, 91.5677



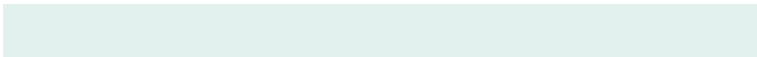
77.0063, 78.0349, 85.1363

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.



82.7865, 84.3839, 88.0698



77.3517, 84.3839, 91.5677



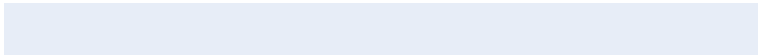
82.6751, 84.3839, 96.3553

Square

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



77.3517, 84.3839, 91.5677



80.0953, 84.3839, 100.3989



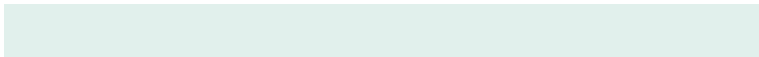
83.1263, 84.3839, 92.1925



80.3135, 84.3839, 83.8566

Rectangle

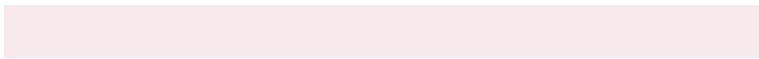
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.3517, 84.3839, 91.5677



78.2806, 84.3839, 98.1506



83.1263, 84.3839, 92.1925



82.1594, 84.3839, 85.8818

Sweetspot

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



77.3541, 84.3875, 91.5696



92.9801, 98.9582, 107.6634



77.1463, 84.4594, 83.4715



19.9233, 21.1920, 23.0575



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

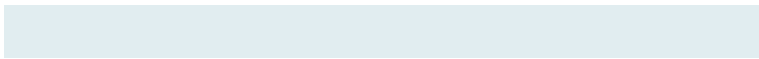
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.3541, 84.3875, 91.5696



87.0748, 95.9885, 104.0163



76.9940, 82.7258, 94.3521



16.0568, 17.8528, 19.3221



21.4029, 35.8532, 28.5685



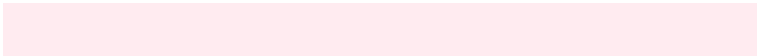
1.8215, 2.9991, 2.5925

Inverse Universe

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



77.0063, 78.0349, 85.1363



86.5686, 86.7417, 94.6524



77.3408, 79.5883, 82.5210



15.9460, 15.8281, 17.2719



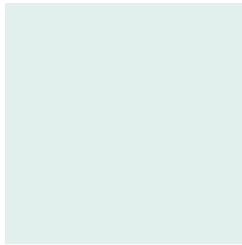
20.2257, 10.3627, 3.8393



1.7225, 0.8780, 0.5295

Previews

White Background



This preview shows how the XYZ color 77.3517, 84.3839, 91.5677 looks on a white background.

Color Contrast Check

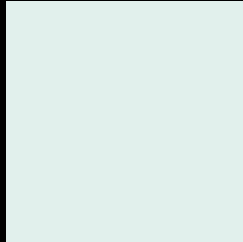
Large Text (above 18pt) WCAG AA × Fail

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 77.3517, 84.3839, 91.5677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

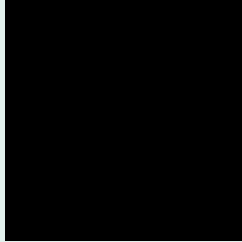
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

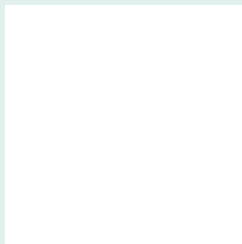
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.3517, 84.3839, 91.5677

Background



This preview shows how black text looks on a background with the XYZ color 77.3517, 84.3839, 91.5677.



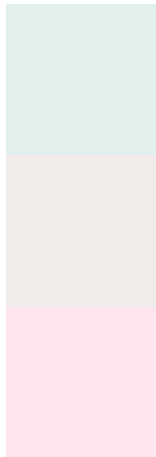
This preview shows how white text looks on a background with the XYZ color 77.3517, 84.3839,

91.5677.

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

77.3517, 84.3839, 91.5677

Protanopia

80.6919, 84.0006, 89.0516

Deuteranopia

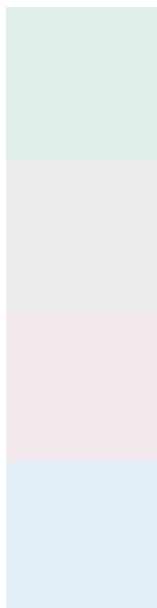
84.9694, 84.0267, 92.6293



Tritanopia

80.6473, 84.4464, 106.6570

Trichromacy



Original Color

77.3517, 84.3839, 91.5677

Protanomaly

79.3964, 84.1711, 89.9039

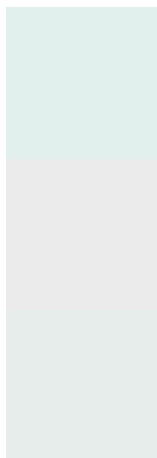
Deuteranomaly

82.0171, 84.1932, 92.0489

Tritanomaly

79.5127, 84.4204, 100.9109

Monochromacy



Original Color

77.3517, 84.3839, 91.5677

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.2346, 83.5555, 90.6017

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.3517, 84.3839, 91.5677 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(225, 240, 236) looks like.

```
.text, #text, p{  
    color:rgb(225, 240, 236)  
}
```

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(225, 240, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 240, 236) }
```

Border

The CSS property to change the border of an element to XYZ 77.3517, 84.3839, 91.5677 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(225, 240, 236) }
```


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

```
.border{ border-color:rgb(225, 240, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 240, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 240, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 240, 236);  
box-shadow:4px 4px 4px 4px rgb(225, 240,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 77.3517, 84.3839, 91.5677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 240, 236) }
```

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

```
.background{ background-color: rgb(225,  
240, 236) }
```

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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