

Converting Colors

XYZ(77.1396, 85.0660, 95.5732)

Have a look what the booklet for
XYZ(77.1396, 85.0660, 95.5732)
contains.

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Color

**XYZ(77.1445, 85.0708,
95.5734)**

Conversions

Conversions Part 1

Format	Color
Hex	DCF2F1
RGB	220, 242, 241
RGB Percent	86%, 95%, 95%
CMY	0.1372, 0.0510, 0.0549
CMYK	0.09, 0.00, 0.00, 0.05
HSL	177°, 46%, 91%
HSV	177°, 9%, 95%
XYZ	77.1445, 85.0708, 95.5734
YIQ	235.3080, -12.7910, -4.9750

Conversions

Conversions Part 2

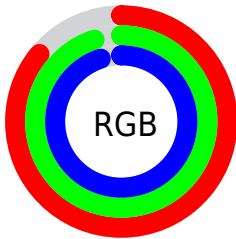
Format	Color
R _Y B	220, 231, 242
Decimal	14480113
CIE Lab	93.91, -7.37, -1.99
CIE LCh	94, 7.629, 195.105
Yxy	85.0708, 0.2993, 0.3300
Android (android.graphics.Color)	4292670193 (0xFFDC F2F1)
YUV	235.3080, 2.8062, -13.4251
Hunter-Lab	92.2338, -12.1116, 3.1269

Details

The XYZ color **77.1445, 85.0708, 95.5734** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.2654, 75.2863, 78.9754**, and the grayscale version is **79.1885, 83.3125, 90.7273**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.8329, 46.6199, 52.6927** is the 20% darker color. If you saturate the color by 10%, you get **70.1800, 81.5018, 94.3909**, and if you desaturate by 10%, it is **85.1751, 89.1940, 96.8145**.

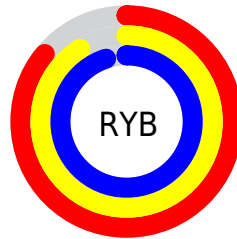
Distribution



Red (86%)

Green (95%)

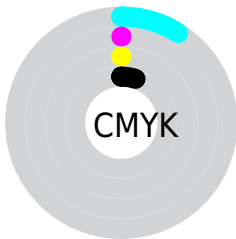
Blue (95%)



Red (86%)

Yellow (91%)

Blue (95%)

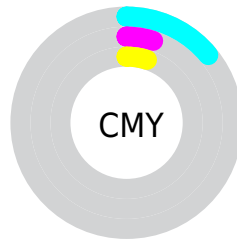


Cyan (9%)

Magenta (0%)

Yellow (0%)

Black (5%)



Cyan (14%)

Magenta (5%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.1445, 85.0708, 95.5734 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 77.1445, 85.0708, 95.5734 by changing the saturation by 10% instead.

77.1445, 85.0708,
95.5734

77.1445, 85.0708,
95.5734

474.1409,
511.8623, 567.0302

57.6718, 63.8999,
72.0128

128.3152,
140.4721, 157.0589

41.7871, 46.5696,
52.6822

160.7439,
175.4713, 195.8209

29.1250, 32.6955,
37.1632

198.2220,
215.8486, 240.4871

19.3202, 21.8933,
25.0371

241.1149,
261.9886, 291.4761

12.0072, 13.7785,
15.8854

289.7879,
314.2755, 349.2063

6.8208, 7.9668,
9.2896

344.6063,

3.3956, 4.0737,

373.0939, 414.0964

4.8312

405.9355,
438.8280, 486.5648

■ 1.3663, 1.7149,
2.0916

■ 0.2320, 0.4333,
0.6107

■ 77.1445, 85.0708,
95.5734

■ 77.1445, 85.0708,
95.5734

■ 70.1800, 81.5018,
94.3909

■ 85.1751, 89.1940,
96.8145

■ 64.2290, 78.4528,
93.2593


■ 89.2031, 91.2512,
97.8718


■ 59.2453, 75.9024,
92.1782


■ 89.3705, 91.3182,
98.7536

■ 55.1763, 73.8234,
91.1450


■ 89.5390, 91.3856,
99.6408


 51.9643, 72.1861,
90.1572


 89.7085, 91.4534,
100.5332


 49.5453, 70.9575,
89.2116

 89.8790, 91.5216,
101.4309


 47.8459, 70.0997,
88.3048

 90.0504, 91.5902,
102.3340

 46.7796, 69.5682,
87.4329

 90.2229, 91.6592,
103.2424

 46.2143, 69.2949,
86.5895

 90.3965, 91.7286,
104.1561

Harmonies

Analogous

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



77.1409, 85.0708, 89.7818



77.1445, 85.0708, 95.5734



78.1315, 85.0708, 100.7803

Triad

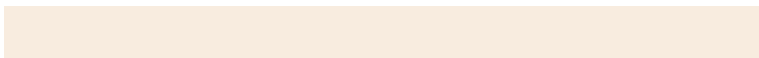
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.1445, 85.0708, 95.5734



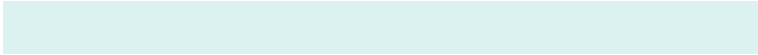
83.6560, 85.0708, 100.7497



81.8654, 85.0708, 82.2321

Complementary

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



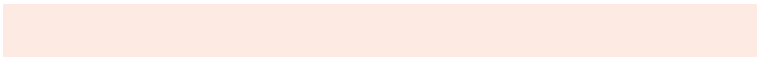
77.1445, 85.0708, 95.5734



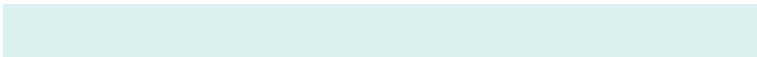
75.2654, 75.2863, 78.9754

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.



83.6456, 85.0708, 84.9269



77.1445, 85.0708, 95.5734



84.6911, 85.0708, 95.5330

Square

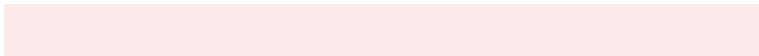
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.1445, 85.0708, 95.5734



81.8794, 85.0708, 103.8529



84.6872, 85.0708, 89.7430



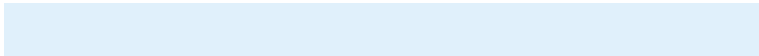
79.8436, 85.0708, 82.2419

Rectangle

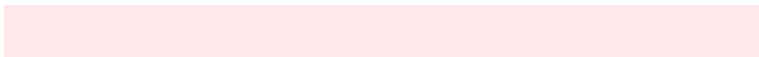
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



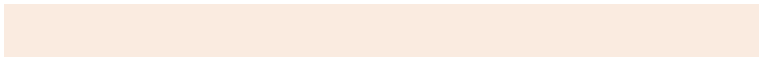
77.1445, 85.0708, 95.5734



79.2241, 85.0708, 103.1498



84.6872, 85.0708, 89.7430



82.5127, 85.0708, 82.8466

Sweetspot

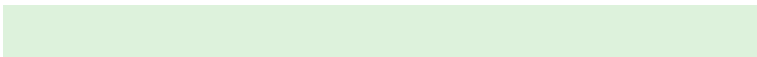
The Sweet Spot groups the original color and five complimentary colors.



77.1469, 85.0744, 95.5753



92.2352, 98.5554, 108.4752



74.5221, 84.0631, 80.0095



19.5851, 21.0143, 23.1941



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.



77.1469, 85.0744, 95.5753



85.2674, 94.9806, 107.3704



74.4294, 79.3988, 95.4113



16.2144, 17.9158, 20.1519



24.8175, 37.2190, 46.5491



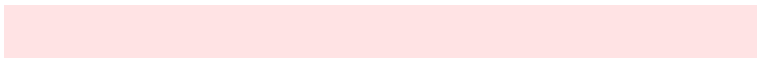
2.0741, 3.1001, 3.9228

Inverse Universe

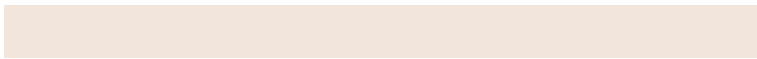
The Inverse Universe completely reimagines the original color for something new.



75.2654, 75.2863, 78.9754



82.7309, 81.7850, 84.9917



77.8083, 80.5855, 79.1651



15.8020, 15.7705, 16.5137



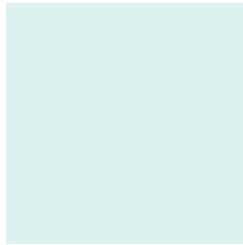
19.7174, 10.1594, 1.1622



1.6505, 0.8492, 0.1504

Previews

White Background



This preview shows how the XYZ color 77.1445, 85.0708, 95.5734 looks on a white background.

Color Contrast Check

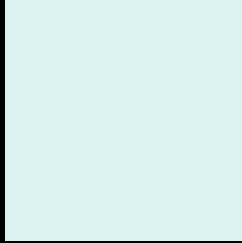
Large Text (above 18pt) WCAG AA × Fail

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 77.1445, 85.0708, 95.5734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

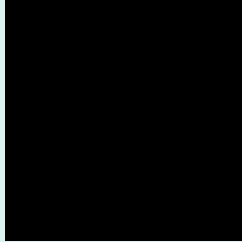
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

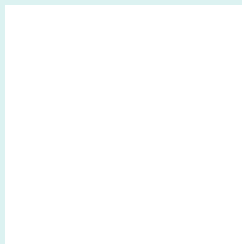
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.1445, 85.0708, 95.5734

Background



This preview shows how black text looks on a background with the XYZ color 77.1445, 85.0708, 95.5734.



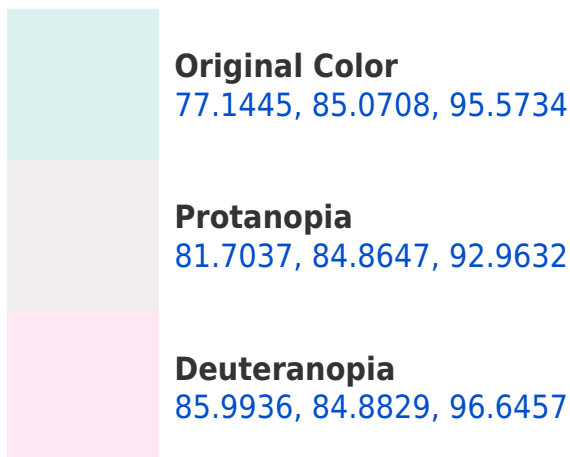
This preview shows how white text looks on a background with the XYZ color 77.1445, 85.0708,

95.5734.

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

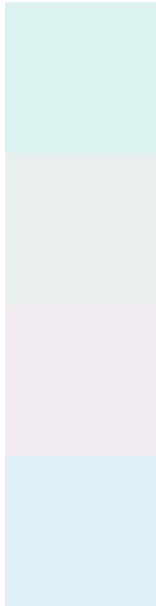




Tritanopia

79.9678, 84.9606, 106.7920

Trichromacy



Original Color

77.1445, 85.0708, 95.5734

Protanomaly

79.7588, 84.7047, 93.8073

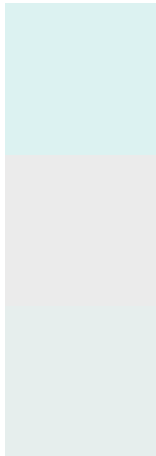
Deuteranomaly

82.3533, 84.7047, 96.0136

Tritanomaly

78.8468, 84.9103, 102.6761

Monochromacy



Original Color

77.1445, 85.0708, 95.5734

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.4937, 84.0865, 92.2140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.1445, 85.0708, 95.5734 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(220, 242, 241)` looks like.

```
.text, #text, p{  
    color:rgb(220, 242, 241)  
}
```

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(220, 242, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 242, 241) }
```

Border

The CSS property to change the border of an element to XYZ 77.1445, 85.0708, 95.5734 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(220, 242, 241) }
```


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

```
.border{ border-color:rgb(220, 242, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 242, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 242, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 242, 241);  
box-shadow:4px 4px 4px 4px rgb(220, 242,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 77.1445, 85.0708, 95.5734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 242, 241) }
```

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

```
.background{ background-color: rgb(220,  
242, 241) }
```

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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