

# Converting Colors

XYZ(77.4687, 84.3590, 95.4190)

Have a look what the booklet for  
XYZ(77.4687, 84.3590, 95.4190)  
contains.

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# Color

**XYZ(77.4687, 84.3590,  
95.4190)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFF0F1
RGB	223, 240, 241
RGB Percent	87%, 94%, 95%
CMY	0.1255, 0.0588, 0.0549
CMYK	0.07, 0.00, 0.00, 0.05
HSL	183°, 39%, 91%
HSV	183°, 7%, 95%
XYZ	77.4687, 84.3590, 95.4190
YIQ	235.0310, -10.4530, -3.2930

# Conversions

## Conversions Part 2

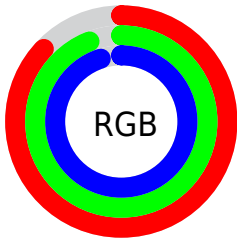
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	223, 232, 241
Decimal	14676209
CIE <sub>Lab</sub>	93.61, -5.39, -2.41
CIE <sub>LCh</sub>	94, 5.904, 204.142
Y <sub>xy</sub>	84.3590, 0.3011, 0.3279
Android (android.graphics.Color)	4292866289 (0xFFDFF0F1)
YUV	235.0310, 2.9427, -10.5512
Hunter-Lab	91.8472, -10.1763, 2.6973

# Details

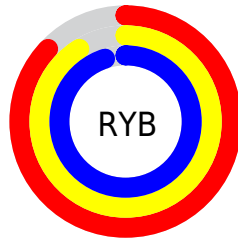
The XYZ color **77.4687, 84.3590, 95.4190** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.2510, 77.3393, 80.7225**, and the grayscale version is **78.9753, 83.0881, 90.4830**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.0459, 46.1086, 52.5827** is the 20% darker color. If you saturate the color by 10%, you get **70.1749, 80.0203, 94.9673**, and if you desaturate by 10%, it is **85.8271, 89.2554, 95.9249**.

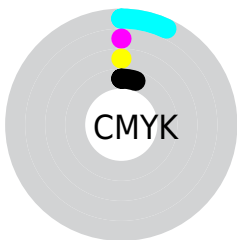
# Distribution



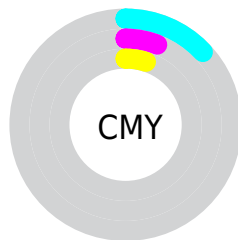
- Red (87%)
- Green (94%)
- Blue (95%)



- Red (87%)
- Yellow (91%)
- Blue (95%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



- Cyan (13%)
- Magenta (6%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 77.4687, 84.3590, 95.4190 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 77.4687, 84.3590, 95.4190 by changing the saturation by 10% instead.



77.4687, 84.3590,  
95.4190

77.4687, 84.3590,  
95.4190

475.2281,  
509.5046, 566.5241

57.9389, 63.3119,  
71.8849

128.7702,  
139.4773, 156.8439

42.0026, 46.0936,  
52.5784

161.2727,  
174.3172, 195.5718

29.2944, 32.3197,  
37.0809

198.8300,  
214.5235, 240.2014

19.4491, 21.6058,  
24.9739

241.8076,  
260.4806, 291.1513

12.1011, 13.5675,  
15.8387

290.5709,  
312.5728, 348.8400

6.8853, 7.8205,  
9.2570

345.4852,

3.4362, 3.9803,

371.1847, 413.6860

4.8101

406.9158,  
436.7005, 486.1078

■ 1.3884, 1.6625,  
2.0795

■ 0.2479, 0.3992,  
0.6035

■ 77.4687, 84.3590,  
95.4190

■ 77.4687, 84.3590,  
95.4190

■ 70.1749, 80.0203,  
94.9673

■ 85.8271, 89.2554,  
95.9249

■ 63.8940, 76.2058,  
94.5620

■ 89.0704, 91.5169,  
96.1904

■ 58.5809, 72.8944,  
94.2029

■ 89.4704, 92.3169,  
96.3238

■ 54.1842, 70.0597,  
93.8875

■ 89.8733, 93.1228,  
96.4581

50.6477, 67.6727,  
93.6131

90.2792, 93.9344,  
96.5934

47.9091, 65.7013,  
93.3770

90.6879, 94.7519,  
96.7296

45.8976, 64.1089,  
93.1756

91.0996, 95.5752,  
96.8668

44.5301, 62.8528,  
93.0053

91.5142, 96.4044,  
97.0050

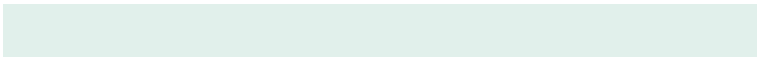
43.6968, 61.8762,  
92.8607

91.9317, 97.2395,  
97.1442

# Harmonies

## Analogous

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



77.2273, 84.3590, 90.9768



77.4687, 84.3590, 95.4190



78.4327, 84.3590, 99.0083

# Triad

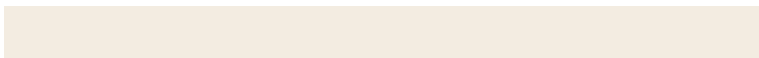
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.4687, 84.3590, 95.4190



82.6418, 84.3590, 96.9885



80.4879, 84.3590, 83.5517

# Complementary

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



77.4687, 84.3590, 95.4190



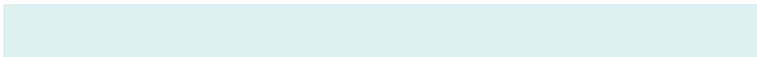
76.2510, 77.3393, 80.7225

# Split Complementary

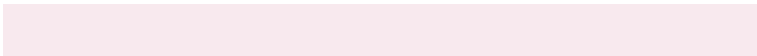
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.9545, 84.3590, 85.0502



77.4687, 84.3590, 95.4190



83.2084, 84.3590, 92.7341

# Square

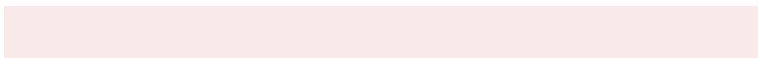
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.4687, 84.3590, 95.4190



81.4165, 84.3590, 99.9349



82.9553, 84.3590, 88.3762



78.9575, 84.3590, 84.2182

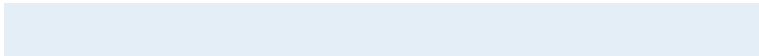


# Rectangle

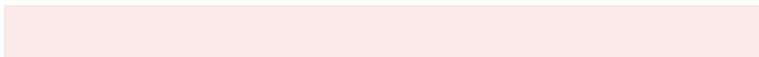
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



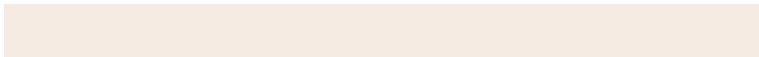
77.4687, 84.3590, 95.4190



79.3621, 84.3590, 100.3856



82.9553, 84.3590, 88.3762



81.0049, 84.3590, 83.8174

# Sweetspot

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



77.4711, 84.3626, 95.4209



93.1085, 98.8655, 108.7834



75.3291, 83.9764, 82.6901



19.9494, 21.1732, 23.2853



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

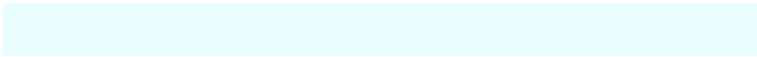


# Same Dimension

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



77.4711, 84.3626, 95.4209



86.7010, 95.0963, 108.3935



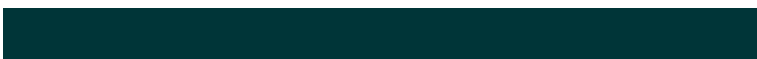
74.9139, 79.2481, 94.5685



16.1681, 17.7702, 20.2995



23.6373, 33.4988, 50.3480



1.9891, 2.8322, 4.1960



# Inverse Universe

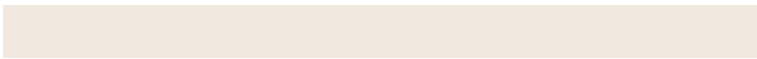
The Inverse Universe completely reimagines the original color for something new.



78.3934, 77.7691, 93.3214



87.9568, 86.1398, 105.5299



78.7069, 82.2511, 81.5412



16.4143, 16.0154, 19.7377



27.2566, 13.1751, 40.8634

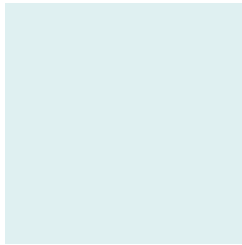


2.2790, 1.1006, 3.4598



# Previews

## White Background



This preview shows how the XYZ color 77.4687, 84.3590, 95.4190 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

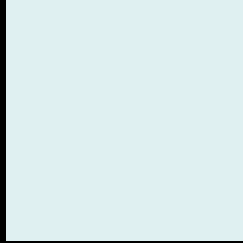
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 77.4687, 84.3590, 95.4190 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

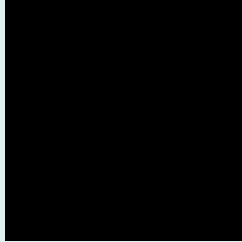
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

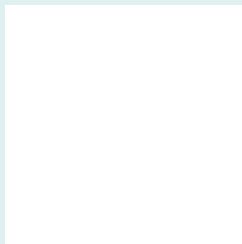
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 77.4687, 84.3590, 95.4190**

## **Background**



This preview shows how black text looks on a background with the XYZ color 77.4687, 84.3590, 95.4190.



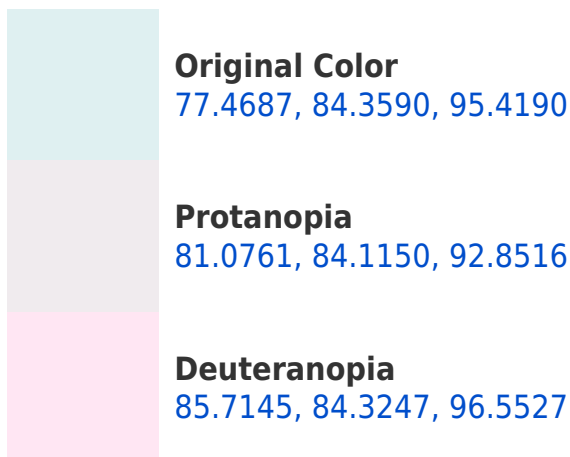
This preview shows how white text looks on a background with the XYZ color 77.4687, 84.3590,

95.4190.

# 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

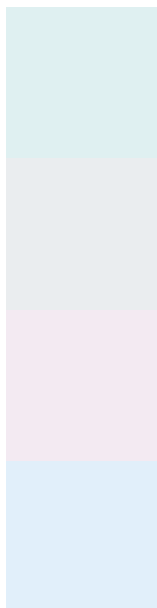




## Tritanopia

79.9886, 84.5378, 106.7093

# Trichromacy



## Original Color

77.4687, 84.3590, 95.4190

## Protanomaly

79.7959, 84.2928, 93.7258

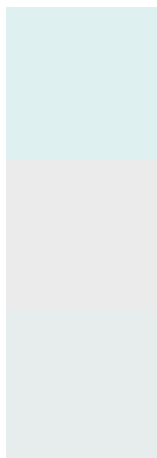
## Deuteranomaly

82.4120, 84.3111, 95.9345

## Tritanomaly

79.1732, 84.6427, 102.6073

# Monochromacy



## Original Color

77.4687, 84.3590, 95.4190

## Achromatopsia

78.9647, 83.0770, 90.4708

## Achromatomaly

78.5252, 83.6717, 92.1323

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 77.4687, 84.3590, 95.4190 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(223, 240, 241)` looks like.

```
.text, #text, p{  
    color:rgb(223, 240, 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(223, 240, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 240, 241) }
```

## Border

The CSS property to change the border of an element to XYZ 77.4687, 84.3590, 95.4190 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(223, 240, 241) }
```



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

```
.border{ border-color:rgb(223, 240, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 240, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 240, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 240, 241);  
box-shadow:4px 4px 4px 4px rgb(223, 240,  
241) }
```

# Background

The CSS property to change the background color of an element to XYZ 77.4687, 84.3590, 95.4190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 240, 241) }
```

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

```
.background{ background-color: rgb(223,  
240, 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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