

Converting Colors

XYZ(77.1453, 84.4964, 94.4576)

Have a look what the booklet for
XYZ(77.1453, 84.4964, 94.4576)
contains.

XYZ(77.3077, 84.7315, 94.7183)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(77.3077, 84.7315,
94.7183)**

Conversions

Conversions Part 1

Format	Color
Hex	DEF1F0
RGB	222, 241, 240
RGB Percent	87%, 95%, 94%
CMY	0.1294, 0.0549, 0.0588
CMYK	0.08, 0.00, 0.00, 0.05
HSL	177°, 40%, 91%
HSV	177°, 8%, 95%
XYZ	77.3077, 84.7315, 94.7183
YIQ	235.2050, -11.0030, -4.3390

Conversions

Conversions Part 2

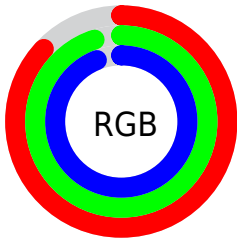
Format	Color
R_{YB}	222, 232, 241
Decimal	14610928
CIE _{Lab}	93.77, -6.41, -1.67
CIE _{LCh}	94, 6.619, 194.590
Yxy	84.7315, 0.3011, 0.3300
Android (android.graphics.Color)	4292801008 (0xFFDEF1F0)
YUV	235.2050, 2.3639, -11.5808
Hunter-Lab	92.0497, -11.1743, 3.4259

Details

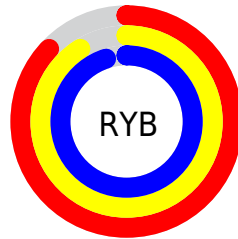
The XYZ color **77.3077, 84.7315, 94.7183** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.7193, 76.2733, 80.5475**, and the grayscale version is **79.1124, 83.2324, 90.6401**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.9370, 46.3741, 52.0882** is the 20% darker color. If you saturate the color by 10%, you get **70.2595, 81.1221, 93.4064**, and if you desaturate by 10%, it is **85.4172, 88.8925, 96.0903**.

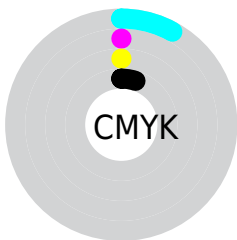
Distribution



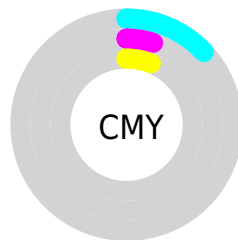
- Red (87%)
- Green (95%)
- Blue (94%)



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



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.3077, 84.7315, 94.7183 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 77.3077, 84.7315, 94.7183 by changing the saturation by 10% instead.

■ 77.3077, 84.7315,
94.7183

■ 77.3077, 84.7315,
94.7183

474.6884,
510.7392, 564.2240

■ 57.8063, 63.6196,
71.3049

128.5443,
139.9980, 155.8676

■ 41.8956, 46.3426,
52.1077

161.0101,
174.9213, 194.4406

■ 29.2103, 32.5163,
36.7081

198.5281,
215.2172, 238.9039

■ 19.3850, 21.7561,
24.6876

241.4637,
261.2701, 289.6761

■ 12.0545, 13.6778,
15.6275

290.1821,
313.4643, 347.1757

■ 6.8533, 7.8969,
9.1095

345.0488,

■ 3.4160, 4.0291,

372.1843, 411.8211

4.7149

406.4291,
437.8145, 484.0311

■ 1.3774, 1.6898,
2.0252

■ 0.2400, 0.4171,
0.5707

■ 77.3077, 84.7315,
94.7183

■ 77.3077, 84.7315,
94.7183

■ 70.2595, 81.1221,
93.4064

■ 85.4172, 88.8925,
96.0903

■ 64.2209, 78.0307,
92.1468


■ 88.8063, 90.6176,
97.2467


■ 59.1464, 75.4362,
90.9393

■ 88.9988, 90.6946,
98.2603


■ 54.9845, 73.3120,
89.7814


■ 89.1926, 90.7721,
99.2810


 51.6789, 71.6291,
88.6704


 89.3878, 90.8502,
100.3088


 49.1669, 70.3551,
87.6035

 89.5843, 90.9288,
101.3436


 47.3774, 69.4534,
86.5771

 89.7822, 91.0079,
102.3855

 46.2265, 68.8808,
85.5875

 89.9814, 91.0876,
103.4344

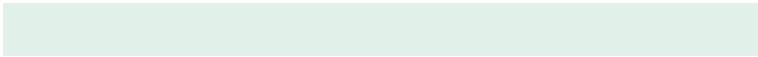
 45.6000, 68.5784,
84.6293

 90.1819, 91.1678,
104.4905

Harmonies

Analogous

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



77.3199, 84.7315, 89.7097



77.3077, 84.7315, 94.7183



78.1515, 84.7315, 99.2224

Triad

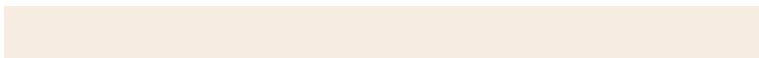
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.3077, 84.7315, 94.7183



82.9311, 84.7315, 99.3252



81.4363, 84.7315, 83.2369

Complementary

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



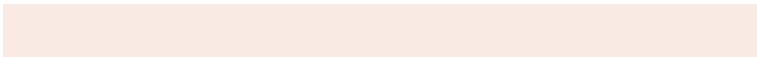
77.3077, 84.7315, 94.7183



75.7193, 76.2733, 80.5475

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.



82.9660, 84.7315, 85.6277



77.3077, 84.7315, 94.7183



83.8375, 84.7315, 94.8545

Square

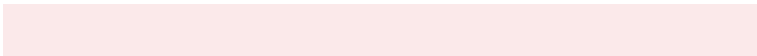
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.3077, 84.7315, 94.7183



81.3892, 84.7315, 101.9472



83.8504, 84.7315, 89.8411



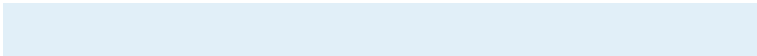
79.6863, 84.7315, 83.2034

Rectangle

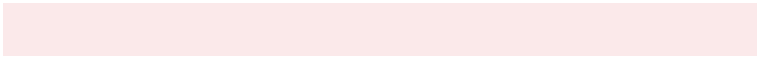
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.3077, 84.7315, 94.7183



79.0931, 84.7315, 101.2814



83.8504, 84.7315, 89.8411



81.9939, 84.7315, 83.7875

Sweetspot

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



77.3101, 84.7351, 94.7202



93.1552, 99.0282, 108.5851



75.1563, 83.9186, 81.3454



19.9589, 21.2063, 23.2450



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

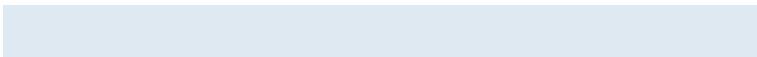
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.3101, 84.7351, 94.7202



86.9104, 95.8263, 107.5035



75.0768, 80.0291, 94.7135



16.2092, 17.9137, 20.1245



24.6879, 37.1672, 45.8671



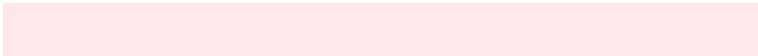
2.0648, 3.0964, 3.8735

Inverse Universe

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



75.7193, 76.2733, 80.5475



84.8562, 84.8996, 89.2022



77.8253, 80.7013, 80.5837



15.8066, 15.7724, 16.5380



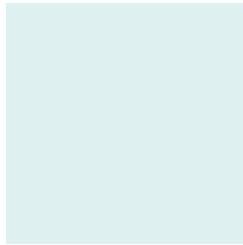
19.7246, 10.1623, 1.2004



1.6527, 0.8501, 0.1621

Previews

White Background



This preview shows how the XYZ color 77.3077, 84.7315, 94.7183 looks on a white background.

Color Contrast Check

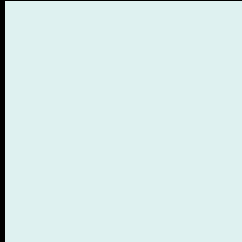
Large Text (above 18pt) WCAG AA × Fail

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 77.3077, 84.7315, 94.7183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

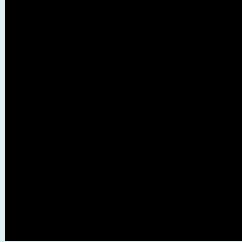
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

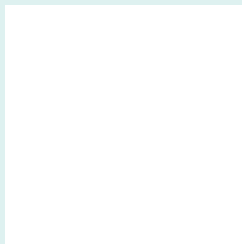
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.3077, 84.7315, 94.7183

Background



This preview shows how black text looks on a background with the XYZ color 77.3077, 84.7315, 94.7183.



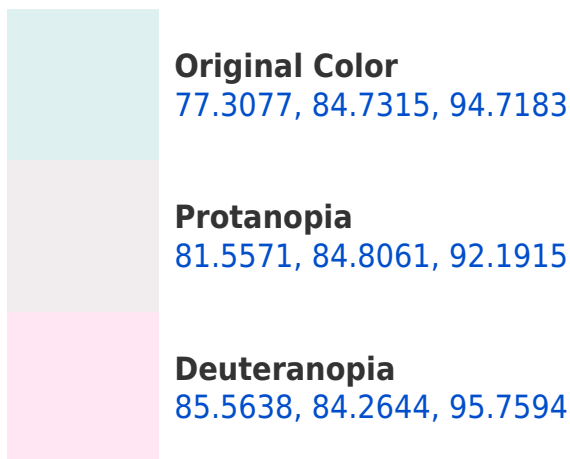
This preview shows how white text looks on a background with the XYZ color 77.3077, 84.7315,

94.7183.

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

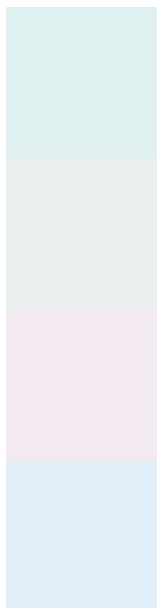




Tritanopia

79.9886, 84.5378, 106.7093

Trichromacy



Original Color

77.3077, 84.7315, 94.7183

Protanomaly

79.9388, 84.8145, 93.0465

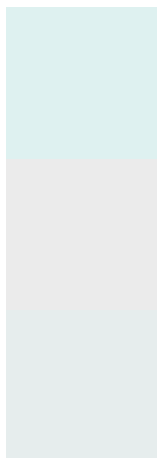
Deuteranomaly

82.2622, 84.2512, 95.1455

Tritanomaly

79.1732, 84.6427, 102.6073

Monochromacy



Original Color

77.3077, 84.7315, 94.7183

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.2034, 83.5058, 92.1172

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.3077, 84.7315, 94.7183 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, 241, 240)` looks like.

```
.text, #text, p{  
    color:rgb(222, 241, 240)  
}
```

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, 241, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 241, 240) }
```

Border

The CSS property to change the border of an element to XYZ 77.3077, 84.7315, 94.7183 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, 241, 240) }
```


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

```
.border{ border-color:rgb(222, 241, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 241, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 241, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 241, 240);  
box-shadow:4px 4px 4px 4px rgb(222, 241,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 77.3077, 84.7315, 94.7183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 241, 240) }
```

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

```
.background{ background-color: rgb(222,  
241, 240) }
```

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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