

Converting Colors

XYZ(77.4280, 84.8519, 97.7258)

Have a look what the booklet for
XYZ(77.4280, 84.8519, 97.7258)
contains.

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Color

**XYZ(77.2996, 84.6579,
97.8544)**

Conversions

Conversions Part 1

Format	Color
Hex	DCF1F4
RGB	220, 241, 244
RGB Percent	86%, 95%, 96%
CMY	0.1372, 0.0549, 0.0431
CMYK	0.10, 0.01, 0.00, 0.04
HSL	187°, 52%, 91%
HSV	187°, 10%, 96%
XYZ	77.2996, 84.6579, 97.8544
YIQ	235.0630, -13.4790, -3.5190

Conversions

Conversions Part 2

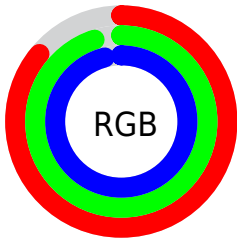
Format	Color
R _Y B	220, 231, 244
Decimal	14479860
CIE Lab	93.74, -6.29, -3.81
CIE LCh	94, 7.348, 211.201
Yxy	84.6579, 0.2975, 0.3258
Android (android.graphics.Color)	4292669940 (0xFFDC F1F4)
YUV	235.0630, 4.4059, -13.2103
Hunter-Lab	92.0097, -11.0549, 1.3506

Details

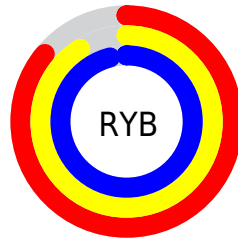
The XYZ color **77.2996, 84.6579, 97.8544** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.6145, 77.1752, 78.5698**, and the grayscale version is **78.9905, 83.1041, 90.5004**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.9431, 46.3281, 54.3085** is the 20% darker color. If you saturate the color by 10%, you get **69.5535, 79.3394, 97.2374**, and if you desaturate by 10%, it is **86.1435, 90.5693, 98.5306**.

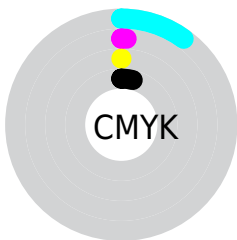
Distribution



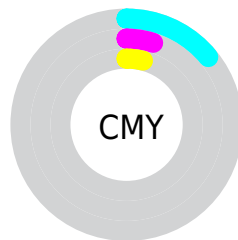
- Red (86%)
- Green (95%)
- Blue (96%)



- Red (86%)
- Yellow (91%)
- Blue (96%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (4%)



- Cyan (14%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.2996, 84.6579, 97.8544 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 77.2996, 84.6579, 97.8544 by changing the saturation by 10% instead.

77.2996, 84.6579,
97.8544

77.2996, 84.6579,
97.8544

474.6612,
510.4954, 574.4793

57.7996, 63.5588,
73.9030

128.5329,
139.8951, 160.2316

41.8902, 46.2934,
54.2183

160.9969,
174.8020, 199.4944

29.2060, 32.4774,
38.3819

198.5130,
215.0802, 244.6982

19.3818, 21.7264,
25.9751

241.4464,
261.1141, 296.2614

12.0521, 13.6560,
16.5794

290.1626,
313.2882, 354.6025

6.8516, 7.8818,
9.7763

345.0269,

3.4150, 4.0194,

371.9869, 420.1402

5.1472

406.4046,
437.5945, 493.2930

■ 1.3768, 1.6844,
2.2737

■ 0.2396, 0.4135,
0.7164

■ 77.2996, 84.6579,
97.8544

■ 77.2996, 84.6579,
97.8544

■ 69.5535, 79.3394,
97.2374

■ 86.1435, 90.5693,
98.5306

■ 62.8513, 74.5791,
96.6718

■ 90.8601, 94.3732,
99.0162

■ 57.1455, 70.3546,
96.1571

■ 91.7998, 96.2526,
99.3295

■ 52.3820, 66.6379,
95.6908

■ 92.7548, 98.1626,
99.6478

■ 48.5014, 63.3984,
95.2701

■ 93.3294, 99.3118,
99.8393

■ 45.4378, 60.6018,
94.8917

■ 43.1154, 58.2091,
94.5523

■ 41.4443, 56.1738,
94.2475

■ 40.2771, 54.4197,
93.9705

Harmonies

Analogous

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



76.7735, 84.6579, 92.4033



77.2996, 84.6579, 97.8544



78.6717, 84.6579, 101.9135

Triad

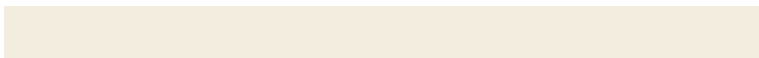
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.2996, 84.6579, 97.8544



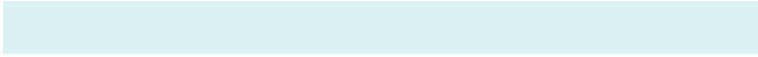
83.7959, 84.6579, 97.4493



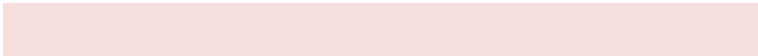
80.3862, 84.6579, 81.8521

Complementary

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



77.2996, 84.6579, 97.8544



76.6145, 77.1752, 78.5698

Split Complementary

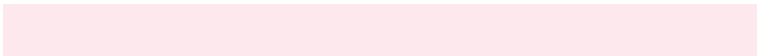
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.2849, 84.6579, 83.0833



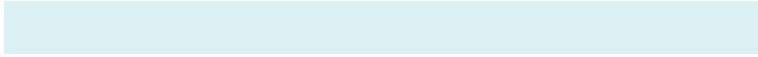
77.2996, 84.6579, 97.8544



84.2725, 84.6579, 91.9532

Square

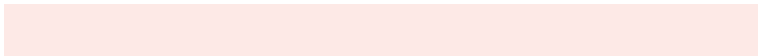
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.2996, 84.6579, 97.8544



82.4231, 84.6579, 101.6730



83.7152, 84.6579, 86.7256



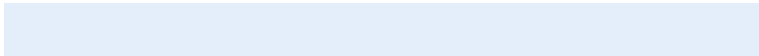
78.5377, 84.6579, 83.2934

Rectangle

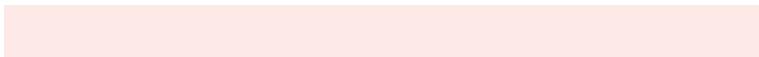
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



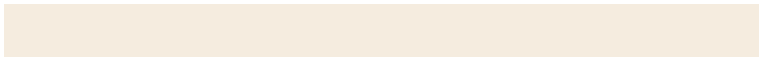
77.2996, 84.6579, 97.8544



79.8925, 84.6579, 103.2041



83.7152, 84.6579, 86.7256



81.0398, 84.6579, 81.9668

Sweetspot

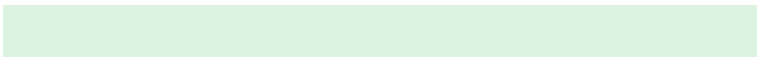
The Sweet Spot groups the original color and five complimentary colors.



77.3020, 84.6615, 97.8563



91.9874, 97.9700, 108.6696



75.1595, 85.2353, 82.1628



19.5180, 20.8557, 23.2468



0.0000, 0.0000, 0.0000



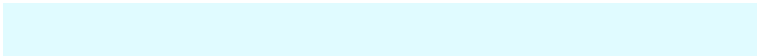
20.3446, 21.4041, 23.3091

Same Dimension

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



77.3020, 84.6615, 97.8563



83.4679, 92.2380, 108.0122



73.9203, 77.8981, 96.7290



16.8098, 18.3840, 21.2051



21.9601, 29.7139, 51.1160



1.9786, 2.7085, 4.5088

Inverse Universe

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



78.7805, 76.7720, 93.8896



85.4442, 81.7630, 102.6938



79.8789, 83.7040, 79.6579



17.1193, 16.7306, 20.3750



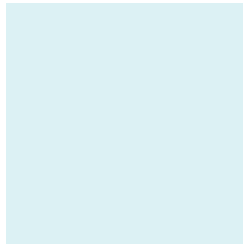
26.8889, 13.0990, 35.7192



2.3878, 1.1611, 3.2682

Previews

White Background



This preview shows how the XYZ color 77.2996, 84.6579, 97.8544 looks on a white background.

Color Contrast Check

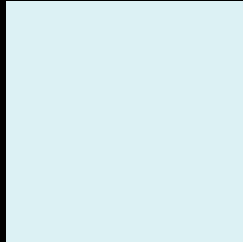
Large Text (above 18pt) WCAG AA × Fail

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 77.2996, 84.6579, 97.8544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

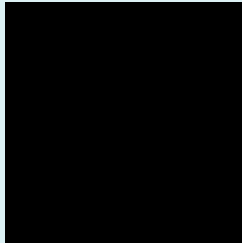
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

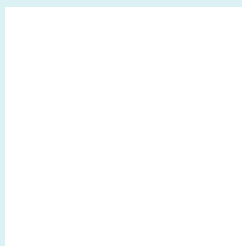
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.2996, 84.6579, 97.8544

Background



This preview shows how black text looks on a background with the XYZ color 77.2996, 84.6579, 97.8544.



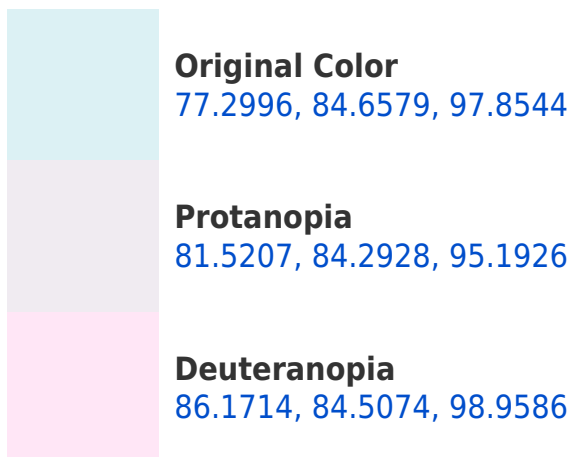
This preview shows how white text looks on a background with the XYZ color 77.2996, 84.6579,

97.8544.

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

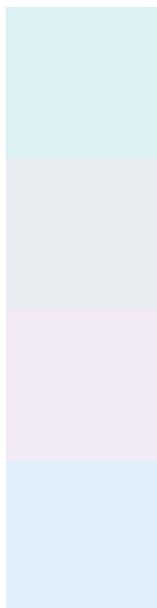




Tritanopia

79.6570, 84.8003, 106.7775

Trichromacy



Original Color

77.2996, 84.6579, 97.8544

Protanomaly

79.9155, 84.3028, 96.0645

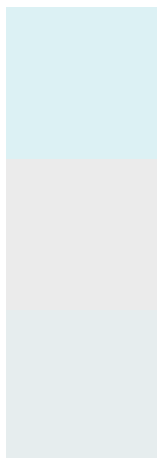
Deuteranomaly

82.5222, 84.3155, 98.3113

Tritanomaly

79.0041, 84.9732, 103.5043

Monochromacy



Original Color

77.2996, 84.6579, 97.8544

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.3499, 83.5644, 92.8890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.2996, 84.6579, 97.8544 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, 241, 244)` looks like.

```
.text, #text, p{  
    color:rgb(220, 241, 244)  
}
```

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, 241, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 241, 244) }
```

Border

The CSS property to change the border of an element to XYZ 77.2996, 84.6579, 97.8544 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, 241, 244) }
```


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

```
.border{ border-color:rgb(220, 241, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 241, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 241, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 241, 244);  
box-shadow:4px 4px 4px 4px rgb(220, 241,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 77.2996, 84.6579, 97.8544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 241, 244) }
```

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

```
.background{ background-color: rgb(220,  
241, 244) }
```

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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