

Converting Colors

XYZ(75.2827, 84.4265,
101.1249)

Have a look what the booklet for
XYZ(75.2827, 84.4265, 101.1249)
contains.

XYZ(75.2884, 84.4338, 101.1362)	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(75.2884, 84.4338,
101.1362)**

Conversions

Conversions Part 1

Format	Color
Hex	D1F3F8
RGB	209, 243, 248
RGB Percent	82%, 95%, 97%
CMY	0.1804, 0.0470, 0.0274
CMYK	0.16, 0.02, 0.00, 0.03
HSL	188°, 74%, 90%
HSV	188°, 16%, 97%
XYZ	75.2884, 84.4338, 101.1362
YIQ	233.4040, -21.8690, -5.6530

Conversions

Conversions Part 2

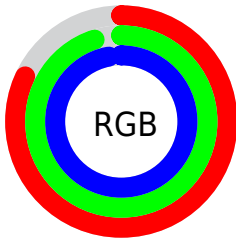
Format	Color
R _Y B	209, 227, 248
Decimal	13759480
CIE Lab	93.64, -9.95, -6.11
CIE LCh	94, 11.676, 211.541
Yxy	84.4338, 0.2886, 0.3237
Android (android.graphics.Color)	4291949560 (0xFFD1F3F8)
YUV	233.4040, 7.1958, -21.4023
Hunter-Lab	91.8879, -14.5496, -0.9359

Details

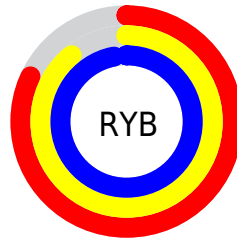
The XYZ color **75.2884, 84.4338, 101.1362** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.2673, 72.6531, 70.4324**, and the grayscale version is **77.7178, 81.7651, 89.0422**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6112, 46.2164, 56.6494** is the 20% darker color. If you saturate the color by 10%, you get **67.8686, 79.2115, 100.5206**, and if you desaturate by 10%, it is **83.8218, 90.2591, 101.8122**.

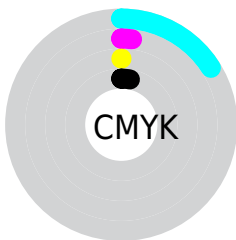
Distribution



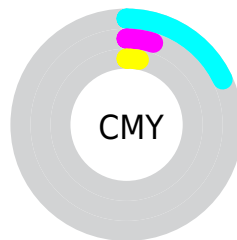
- Red (82%)
- Green (95%)
- Blue (97%)



- Red (82%)
- Yellow (89%)
- Blue (97%)



- Cyan (16%)
- Magenta (2%)
- Yellow (0%)
- Black (3%)



- Cyan (18%)
- Magenta (5%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.2884, 84.4338, 101.1362 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 75.2884, 84.4338, 101.1362 by changing the saturation by 10% instead.

75.2884, 84.4338,
101.1362

75.2884, 84.4338,
101.1362

467.8902,
509.7527, 585.1071

56.1442, 63.3737,
76.6276

125.7062,
139.5818, 164.7832

40.5560, 46.1436,
56.4375

157.7106,
174.4385, 204.7586

28.1585, 32.3591,
40.1475

194.7324,
214.6628, 250.7268

18.5862, 21.6359,
27.3389

237.1370,
260.6392, 303.1062

11.4739, 13.5896,
17.5932

285.2897,
312.7519, 362.3154

6.4562, 7.8358,
10.4919

339.5559,

3.1677, 3.9901,

371.3855, 428.7729

5.6165

400.3009,
436.9243, 502.8973

■ 1.2430, 1.6680,
2.5483

■ 0.1399, 0.4028,
0.8656

■ 75.2884, 84.4338,
101.1362

■ 75.2884, 84.4338,
101.1362

■ 67.8686, 79.2115,
100.5206

■ 83.8218, 90.2591,
101.8122

■ 61.5045, 74.5555,
99.9573

■ 92.1706, 96.0115,
102.4825

■ 56.1442, 70.4412,
99.4457

■ 93.1630, 97.9962,
102.8133

■ 51.7284, 66.8378,
98.9829

■ 93.9435, 99.5574,
103.0735

■ 48.1913, 63.7114,
98.5659

■ 45.4588, 61.0236,
98.1911

■ 43.4442, 58.7295,
97.8545

■ 42.0403, 56.7739,
97.5510

■ 41.5576, 56.0056,
97.4282

Harmonies

Analogous

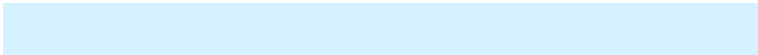
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.4515, 84.4338, 92.3929



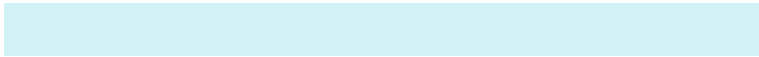
75.2884, 84.4338, 101.1362



77.4506, 84.4338, 107.7385

Triad

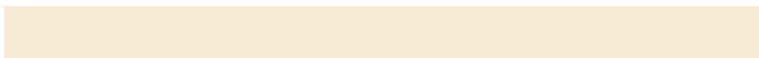
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.2884, 84.4338, 101.1362



85.5955, 84.4338, 100.2930



80.0919, 84.4338, 75.9350

Complementary

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



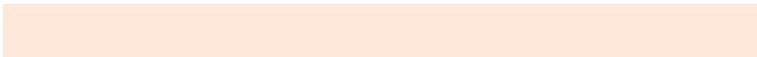
75.2884, 84.4338, 101.1362



74.2673, 72.6531, 70.4324

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.



83.1198, 84.4338, 77.7561



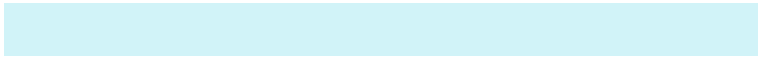
75.2884, 84.4338, 101.1362



86.3458, 84.4338, 91.4767

Square

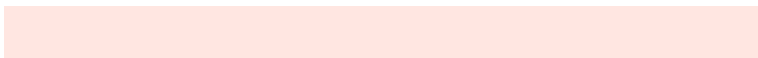
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.2884, 84.4338, 101.1362



83.4037, 84.4338, 107.2301



85.4287, 84.4338, 83.3077



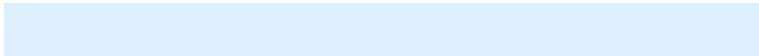
77.1803, 84.4338, 78.1666

Rectangle

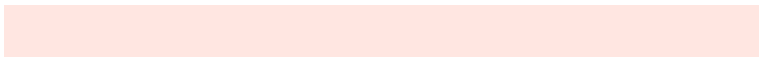
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



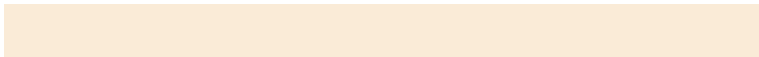
75.2884, 84.4338, 101.1362



79.3800, 84.4338, 109.8341



85.4287, 84.4338, 83.3077



81.1300, 84.4338, 76.0928

Sweetspot

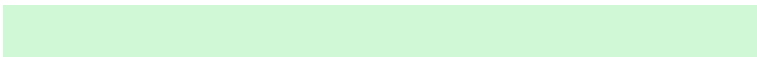
The Sweet Spot groups the original color and five complimentary colors.



75.2909, 84.4373, 101.1381



89.9949, 96.6237, 108.5147



71.9436, 85.5237, 76.0350



19.1159, 20.5827, 23.2153



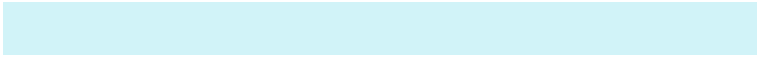
0.0000, 0.0000, 0.0000



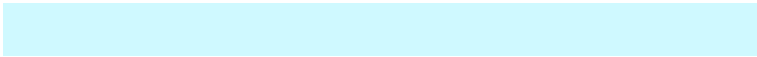
20.3446, 21.4041, 23.3091

Same Dimension

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



75.2909, 84.4373, 101.1381



77.4681, 88.0438, 107.5189



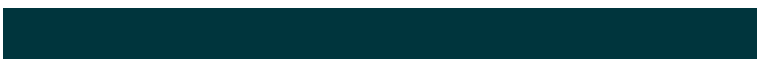
69.8816, 73.6187, 99.3350



17.5650, 19.2068, 22.1668



22.5221, 30.3997, 52.6542



2.1372, 2.9181, 4.8938

Inverse Universe

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



77.6915, 72.0303, 94.6065



80.5105, 72.4945, 99.2024



79.3746, 82.8676, 72.1348



17.8917, 17.4840, 21.2854



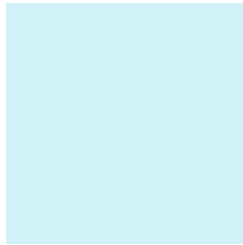
27.6601, 13.4798, 36.5142



2.5877, 1.2588, 3.5182

Previews

White Background



This preview shows how the XYZ color 75.2884, 84.4338, 101.1362 looks on a white background.

Color Contrast Check

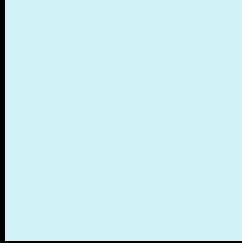
Large Text (above 18pt) WCAG AA × Fail

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 75.2884, 84.4338, 101.1362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

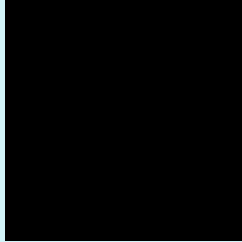
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

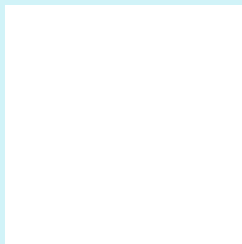
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.2884, 84.4338, 101.1362

Background



This preview shows how black text looks on a background with the XYZ color 75.2884, 84.4338, 101.1362.

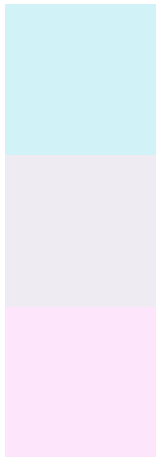


This preview shows how white text looks on a background with the XYZ color 75.2884, 84.4338,

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

75.2884, 84.4338, 101.1362

Protanopia

81.1459, 84.0649, 96.7433

Deuteranopia

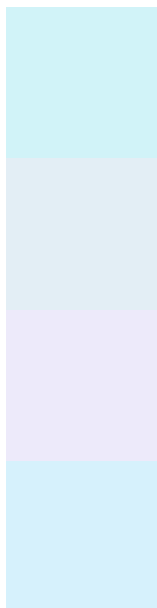
85.9399, 83.8863, 102.9289



Tritanopia

77.8254, 84.2919, 106.7759

Trichromacy



Original Color

75.2884, 84.4338, 101.1362

Protanomaly

78.7345, 84.0725, 98.4641

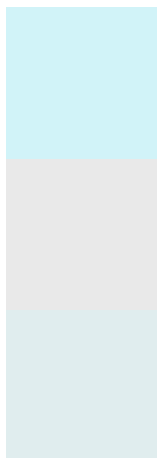
Deuteranomaly

81.6032, 83.7523, 102.3073

Tritanomaly

76.7575, 84.2350, 104.3089

Monochromacy



Original Color

75.2884, 84.4338, 101.1362

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.4573, 82.5887, 92.8004

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2884, 84.4338, 101.1362 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(209, 243, 248)` looks like.

```
.text, #text, p{  
    color:rgb(209, 243, 248)  
}
```

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(209, 243, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 243, 248) }
```

Border

The CSS property to change the border of an element to XYZ 75.2884, 84.4338, 101.1362 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(209, 243, 248) }
```


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

```
.border{ border-color:rgb(209, 243, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 243, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 243, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 243, 248);  
box-shadow:4px 4px 4px 4px rgb(209, 243,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2884, 84.4338, 101.1362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 243, 248) }
```

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

```
.background{ background-color: rgb(209,  
243, 248) }
```

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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