

Converting Colors

XYZ(74.6772, 83.9758, 92.7207)

Have a look what the booklet for
XYZ(74.6772, 83.9758, 92.7207)
contains.

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Color

**XYZ(74.4788, 83.7648,
92.3635)**

Conversions

Conversions Part 1

Format	Color
Hex	D5F2ED
RGB	213, 242, 237
RGB Percent	84%, 95%, 93%
CMY	0.1647, 0.0510, 0.0706
CMYK	0.12, 0.00, 0.02, 0.05
HSL	170°, 53%, 89%
HSV	170°, 12%, 95%
XYZ	74.4788, 83.7648, 92.3635
YIQ	232.7590, -15.6790, -7.7030

Conversions

Conversions Part 2

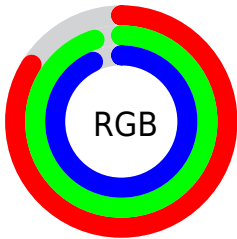
Format	Color
R _{YB}	213, 229, 242
Decimal	14021357
CIE _{Lab}	93.35, -10.36, -0.79
CIE _{LCh}	93, 10.394, 184.384
Y _{xy}	83.7648, 0.2972, 0.3342
Android (android.graphics.Color)	4292211437 (0xFFD5F2ED)
YUV	232.7590, 2.0908, -17.3286
Hunter-Lab	91.5231, -14.9074, 4.2318

Details

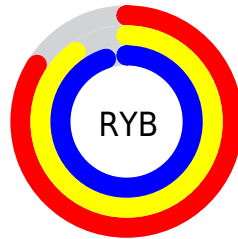
The XYZ color **74.4788, 83.7648, 92.3635** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.0702, 71.5300, 76.2891**, and the grayscale version is **77.2661, 81.2900, 88.5248**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9999, 45.7231, 50.4333** is the 20% darker color. If you saturate the color by 10%, you get **67.3740, 80.1741, 88.8852**, and if you desaturate by 10%, it is **82.6500, 87.9082, 95.9694**.

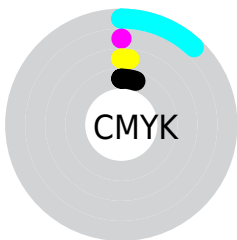
Distribution



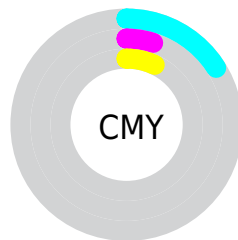
- Red (84%)
- Green (95%)
- Blue (93%)



- Red (84%)
- Yellow (90%)
- Blue (95%)



- Cyan (12%)
- Magenta (0%)
- Yellow (2%)
- Black (5%)





- Cyan (16%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.4788, 83.7648, 92.3635 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 74.4788, 83.7648, 92.3635 by changing the saturation by 10% instead.


 74.4788, 83.7648,
92.3635

 74.4788, 83.7648,
92.3635


465.1491,
507.5319, 556.4569

 55.4787, 62.8213,
69.3579

124.5662,
138.6461, 152.5812

 40.0205, 45.6966,
50.5296


156.3841,
173.3527, 190.6303

 27.7388, 32.0065,
35.4603


193.2054,
213.4157, 234.5310

 18.2683, 21.3665,
23.7313

235.3954,
259.2197, 284.7017

 11.2436, 13.3921,
14.9240

283.3193,
311.1488, 341.5612

 6.2994, 7.6991,
8.6201

337.3427,

 3.0704, 3.9030,

369.5877, 405.5278

4.4008

397.8308,
434.9205, 477.0202

■ 1.1911, 1.6195,
1.8477

■ 0.0993, 0.3707,
0.4591

■ 74.4788, 83.7648,
92.3635

■ 74.4788, 83.7648,
92.3635

■ 67.3740, 80.1741,
88.8852

■ 82.6500, 87.9082,
95.9694

■ 61.2821, 77.1017,
85.5262

■ 89.5288, 91.3814,
99.5876

■ 56.1558, 74.5254,
82.2856

■ 90.1748, 91.6398,
102.9893

■ 51.9410, 72.4174,
79.1602

■ 90.8353, 91.9040,
106.4673

■ 48.5783, 70.7470,
76.1469

■ 91.0437, 91.9873,
107.5646

■ 46.0011, 69.4801,
73.2419

■ 44.1329, 68.5770,
70.4413

■ 42.8814, 67.9904,
67.7400

■ 42.2089, 67.6894,
65.6409

Harmonies

Analogous

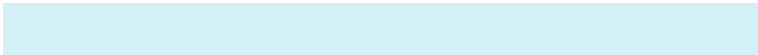
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.9603, 83.7648, 84.8381



74.4788, 83.7648, 92.3635



75.3477, 83.7648, 99.9925

Triad

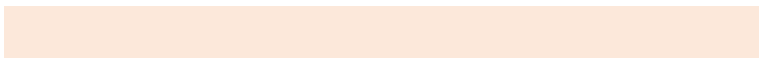
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.4788, 83.7648, 92.3635



82.6277, 83.7648, 104.2297



81.9149, 83.7648, 78.2685

Complementary

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



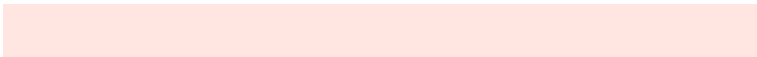
74.4788, 83.7648, 92.3635



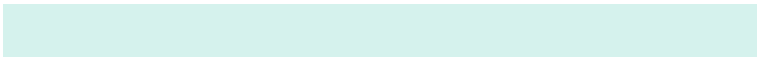
73.0702, 71.5300, 76.2891

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.



84.0424, 83.7648, 82.9492



74.4788, 83.7648, 92.3635



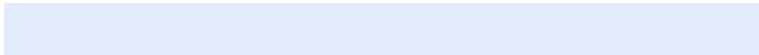
84.4605, 83.7648, 97.8841

Square

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



74.4788, 83.7648, 92.3635



80.0192, 83.7648, 107.0882



84.9840, 83.7648, 90.0575



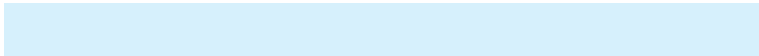
79.2140, 83.7648, 76.9766

Rectangle

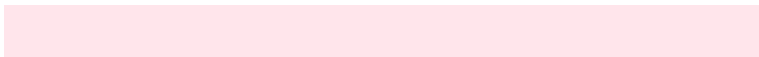
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



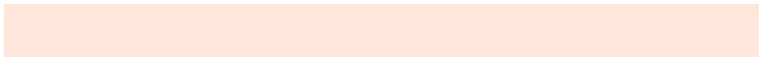
74.4788, 83.7648, 92.3635



76.5878, 83.7648, 104.0264



84.9840, 83.7648, 90.0575



82.7228, 83.7648, 79.4841

Sweetspot

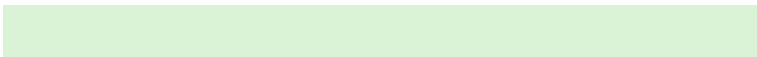
The Sweet Spot groups the original color and five complimentary colors.



74.4812, 83.7683, 92.3654



91.1144, 98.0037, 107.2437



72.7733, 83.2663, 75.1887



19.3486, 20.8989, 22.8884



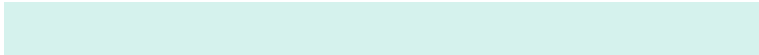
0.0000, 0.0000, 0.0000



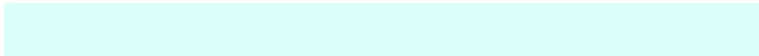
20.3446, 21.4041, 23.3091

Same Dimension

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



74.4812, 83.7683, 92.3654



82.1379, 93.4563, 103.2024



72.5572, 78.7340, 95.3815



16.1235, 17.8794, 19.6731



22.7189, 36.3796, 35.4985



1.9205, 3.0387, 3.1139

Inverse Universe

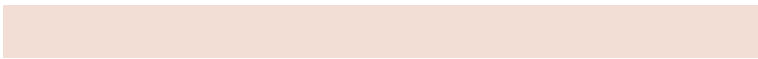
The Inverse Universe completely reimagines the original color for something new.



73.0702, 71.5300, 76.2891



80.3032, 77.5410, 82.2973



74.8011, 76.0240, 73.6839



15.8841, 15.8033, 16.9458



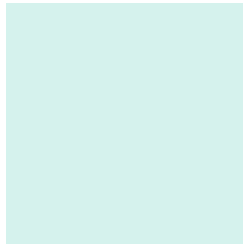
19.9278, 10.2435, 2.2703



1.6895, 0.8648, 0.3558

Previews

White Background



This preview shows how the XYZ color 74.4788, 83.7648, 92.3635 looks on a white background.

Color Contrast Check

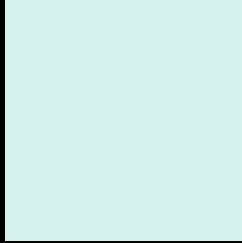
Large Text (above 18pt) WCAG AA × Fail

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 74.4788, 83.7648, 92.3635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

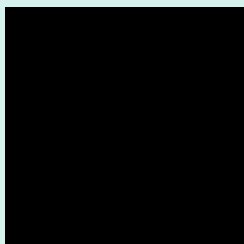
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

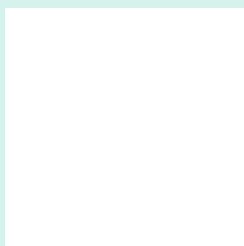
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.4788, 83.7648, 92.3635

Background



This preview shows how black text looks on a background with the XYZ color 74.4788, 83.7648, 92.3635.



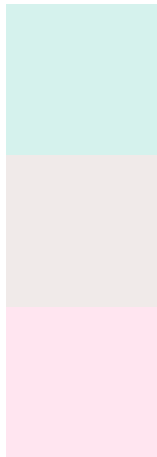
This preview shows how white text looks on a background with the XYZ color 74.4788, 83.7648,

92.3635.

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

74.4788, 83.7648, 92.3635

Protanopia

80.0660, 83.2541, 88.9405

Deuteranopia

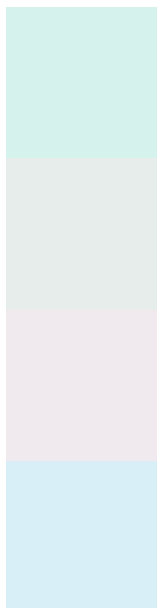
84.9875, 83.5899, 94.0932



Tritanopia

77.8380, 83.4291, 106.6087

Trichromacy



Original Color

74.4788, 83.7648, 92.3635

Protanomaly

77.7686, 83.3319, 89.8277

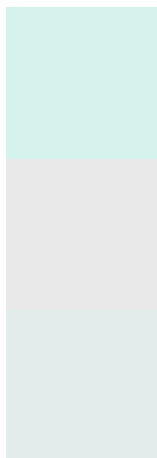
Deuteranomaly

80.9380, 83.6029, 93.5324

Tritanomaly

76.4251, 83.2620, 100.8501

Monochromacy



Original Color

74.4788, 83.7648, 92.3635

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.2108, 82.1002, 89.6721

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4788, 83.7648, 92.3635 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(213, 242, 237)` looks like.

```
.text, #text, p{  
    color:rgb(213, 242, 237)  
}
```

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(213, 242, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 242, 237) }
```

Border

The CSS property to change the border of an element to XYZ 74.4788, 83.7648, 92.3635 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(213, 242, 237) }
```


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

```
.border{ border-color:rgb(213, 242, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 242, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 242, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 242, 237);  
box-shadow:4px 4px 4px 4px rgb(213, 242,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4788, 83.7648, 92.3635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 242, 237) }
```

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

```
.background{ background-color: rgb(213,  
242, 237) }
```

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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