

Converting Colors

XYZ(75.6566, 84.2795, 92.4173)

Have a look what the booklet for
XYZ(75.6566, 84.2795, 92.4173)
contains.

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Color

**XYZ(75.6535, 84.3704,
92.4185)**

Conversions

Conversions Part 1

Format	Color
Hex	D9F2ED
RGB	217, 242, 237
RGB Percent	85%, 95%, 93%
CMY	0.1490, 0.0510, 0.0706
CMYK	0.10, 0.00, 0.02, 0.05
HSL	168°, 49%, 90%
HSV	168°, 10%, 95%
XYZ	75.6535, 84.3704, 92.4185
YIQ	233.9550, -13.2950, -6.8550

Conversions

Conversions Part 2

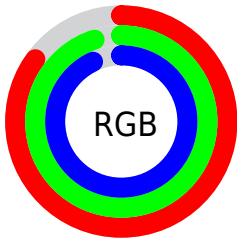
Format	Color
R _Y B	217, 231, 242
Decimal	14283501
CIE Lab	93.61, -9.09, -0.38
CIE LCh	94, 9.094, 182.387
Yxy	84.3704, 0.2997, 0.3342
Android (android.graphics.Color)	4292473581 (0xFFD9F2ED)
YUV	233.9550, 1.5012, -14.8695
Hunter-Lab	91.8534, -13.7248, 4.6426

Details

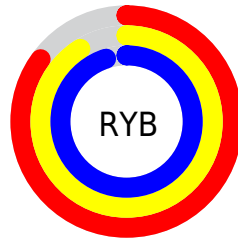
The XYZ color **75.6535, 84.3704, 92.4185** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.6187, 73.7792, 79.4192**, and the grayscale version is **78.1709, 82.2419, 89.5614**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7997, 46.1354, 50.4707** is the 20% darker color. If you saturate the color by 10%, you get **68.2835, 80.6540, 88.4311**, and if you desaturate by 10%, it is **84.1022, 88.6453, 96.5597**.

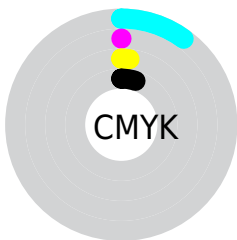
Distribution



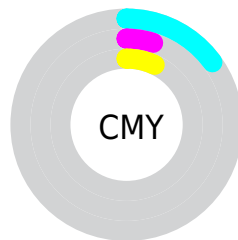
- Red (85%)
- Green (95%)
- Blue (93%)



- Red (85%)
- Yellow (91%)
- Blue (95%)



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)
- Black (5%)



- Cyan (15%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.6535, 84.3704, 92.4185 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 75.6535, 84.3704, 92.4185 by changing the saturation by 10% instead.

75.6535, 84.3704,
92.4185

75.6535, 84.3704,
92.4185

469.1234,
509.5424, 556.6389

56.4445, 63.3213,
69.4033

126.2200,
139.4932, 152.6580

40.7978, 46.1012,
50.5664

158.3081,
174.3357, 190.7194

28.3481, 32.3257,
35.4894

195.4200,
214.5447, 234.6333

18.7300, 21.6104,
23.7535

237.9210,
260.5047, 284.8182

11.5782, 13.5709,
14.9404

286.1765,
312.6001, 341.6927

6.5273, 7.8228,
8.6314

340.5519,

3.2120, 3.9818,

371.2153, 405.6753

4.4080

401.4123,
436.7346, 477.1845

■ 1.2668, 1.6634,
1.8517

■ 0.1582, 0.3998,
0.4618

■ 75.6535, 84.3704,
92.4185

■ 75.6535, 84.3704,
92.4185

■ 68.2835, 80.6540,
88.4311

■ 84.1022, 88.6453,
96.5597

■ 61.9392, 77.4619,
84.5889

■ 89.7340, 91.4635,
100.6679

■ 56.5737, 74.7721,
80.8907

■ 90.4901, 91.7659,
104.6491

■ 52.1337, 72.5574,
77.3333

■ 91.0437, 91.9874,
107.5646

■ 48.5607, 70.7874,
73.9130

■ 45.7895, 69.4287,
70.6261

■ 43.7453, 68.4427,
67.4682

■ 42.3391, 67.7834,
64.4343

■ 41.4437, 67.3834,
61.6115

Harmonies

Analogous

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



76.1581, 84.3704, 85.8546



75.6535, 84.3704, 92.4185



76.3446, 84.3704, 99.1529

Triad

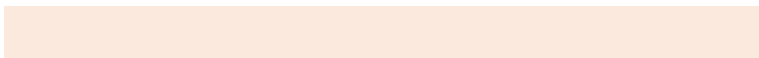
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.6535, 84.3704, 92.4185



82.6974, 84.3704, 103.5247



82.3569, 84.3704, 80.6081

Complementary

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



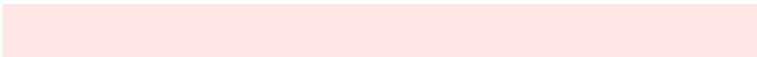
75.6535, 84.3704, 92.4185



74.6187, 73.7792, 79.4192

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.



84.1656, 84.3704, 84.9433



75.6535, 84.3704, 92.4185



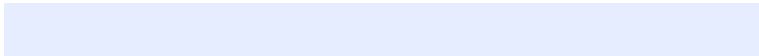
84.3650, 84.3704, 98.1496

Square

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



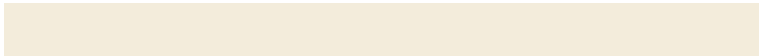
75.6535, 84.3704, 92.4185



80.3846, 84.3704, 105.7620



84.9075, 84.3704, 91.3138



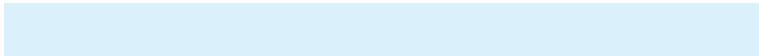
79.9988, 84.3704, 79.2421

Rectangle

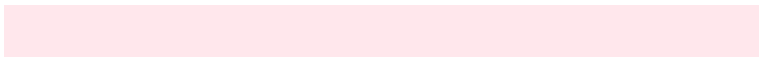
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



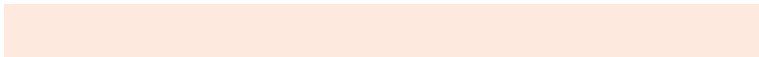
75.6535, 84.3704, 92.4185



77.3985, 84.3704, 102.7755



84.9075, 84.3704, 91.3138



83.0509, 84.3704, 81.7554

Sweetspot

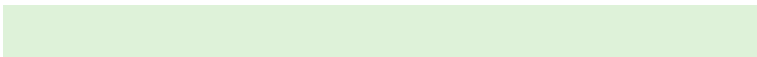
The Sweet Spot groups the original color and five complimentary colors.



75.6559, 84.3740, 92.4204



92.0458, 98.4796, 107.4779



74.5312, 84.1132, 77.9543



19.5338, 20.9938, 22.9239



0.0000, 0.0000, 0.0000



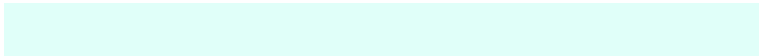
20.3446, 21.4041, 23.3091

Same Dimension

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



75.6559, 84.3740, 92.4204



83.7042, 94.2631, 103.3044



74.3294, 80.5346, 95.6357



16.1039, 17.8716, 19.5700



22.3129, 36.2172, 33.3602



1.8902, 3.0265, 2.9544

Inverse Universe

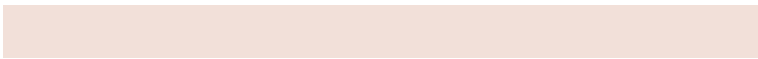
The Inverse Universe completely reimagines the original color for something new.



74.6187, 73.7792, 79.4192



82.3599, 80.5292, 86.4519



75.8233, 77.2458, 76.5607



15.9021, 15.8106, 17.0408



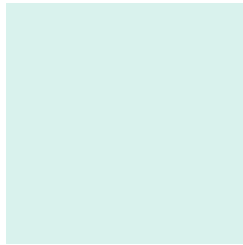
20.0014, 10.2730, 2.6578



1.6982, 0.8683, 0.4016

Previews

White Background



This preview shows how the XYZ color 75.6535, 84.3704, 92.4185 looks on a white background.

Color Contrast Check

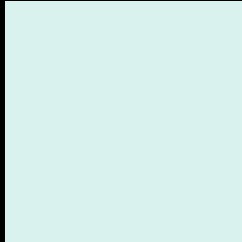
Large Text (above 18pt) WCAG AA × Fail

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 75.6535, 84.3704, 92.4185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

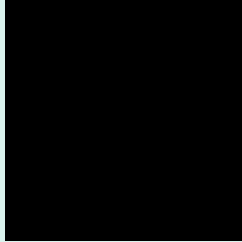
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

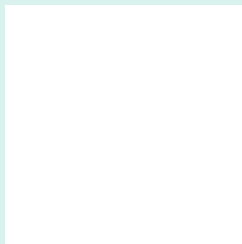
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.6535, 84.3704, 92.4185

Background



This preview shows how black text looks on a background with the XYZ color 75.6535, 84.3704, 92.4185.



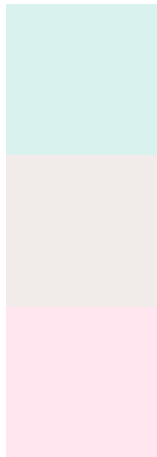
This preview shows how white text looks on a background with the XYZ color 75.6535, 84.3704,

92.4185.

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

75.6535, 84.3704, 92.4185

Protanopia

80.6919, 84.0006, 89.0516

Deuteranopia

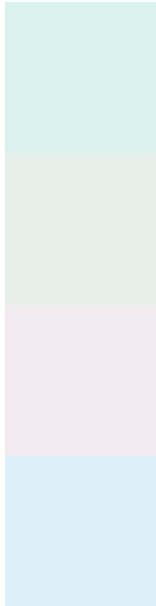
85.1168, 84.0856, 93.4054



Tritanopia

79.0560, 84.0570, 106.6657

Trichromacy



Original Color

75.6535, 84.3704, 92.4185

Protanomaly

78.7045, 84.2454, 89.9547

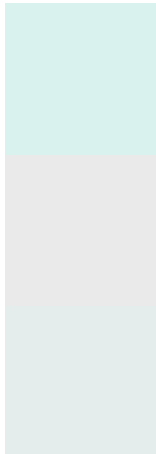
Deuteranomaly

81.1311, 83.7195, 92.7723

Tritanomaly

77.6286, 83.8825, 100.9064

Monochromacy



Original Color

75.6535, 84.3704, 92.4185

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.2745, 83.0605, 90.5567

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6535, 84.3704, 92.4185 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(217, 242, 237)` looks like.

```
.text, #text, p{  
    color:rgb(217, 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(217, 242, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 242, 237) }
```

Border

The CSS property to change the border of an element to XYZ 75.6535, 84.3704, 92.4185 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(217, 242, 237) }
```


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

```
.border{ border-color:rgb(217, 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(217, 242, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 242, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 242, 237);  
box-shadow:4px 4px 4px 4px rgb(217, 242,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6535, 84.3704, 92.4185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 242, 237) }
```

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

```
.background{ background-color: rgb(217,  
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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