

Converting Colors

XYZ(75.3424, 81.9275, 93.4509)

Have a look what the booklet for
XYZ(75.3424, 81.9275, 93.4509)
contains.

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Color

**XYZ(75.3794, 82.0160,
93.5191)**

Conversions

Conversions Part 1

Format	Color
Hex	DCEDEF
RGB	220, 237, 239
RGB Percent	86%, 93%, 94%
CMY	0.1372, 0.0706, 0.0627
CMYK	0.08, 0.01, 0.00, 0.06
HSL	186°, 37%, 90%
HSV	186°, 8%, 94%
XYZ	75.3794, 82.0160, 93.5191
YIQ	232.1450, -10.7740, -2.9820

Conversions

Conversions Part 2

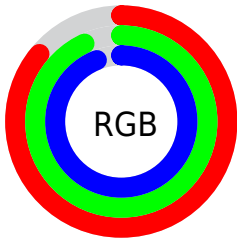
Format	Color
R _Y B	220, 229, 239
Decimal	14478831
CIE Lab	92.58, -5.21, -2.90
CIE LCh	93, 5.964, 209.119
Yxy	82.0160, 0.3004, 0.3269
Android (android.graphics.Color)	4292668911 (0xFFDCEDEF)
YUV	232.1450, 3.3795, -10.6512
Hunter-Lab	90.5627, -9.9111, 2.1684

Details

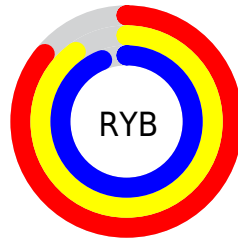
The XYZ color **75.3794, 82.0160, 93.5191** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.6366, 75.7602, 78.4010**, and the grayscale version is **76.7935, 80.7928, 87.9833**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5882, 44.4660, 51.2433** is the 20% darker color. If you saturate the color by 10%, you get **67.9353, 77.1088, 92.9655**, and if you desaturate by 10%, it is **83.8725, 87.4836, 94.1281**.

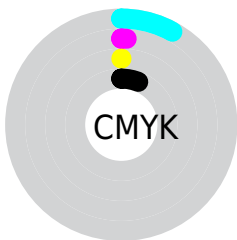
Distribution



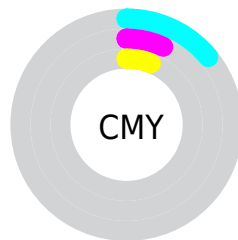
- Red (86%)
- Green (93%)
- Blue (94%)



- Red (86%)
- Yellow (90%)
- Blue (94%)



- Cyan (8%)
- Magenta (1%)
- Yellow (0%)
- Black (6%)



- Cyan (14%)
- Magenta (7%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.3794, 82.0160, 93.5191 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 75.3794, 82.0160, 93.5191 by changing the saturation by 10% instead.

■ 75.3794, 82.0160,
93.5191

■ 75.3794, 82.0160,
93.5191

468.1977,
501.7012, 560.2759

■ 56.2190, 61.3787,
70.3130

125.8343,
136.1964, 154.1950

■ 40.6163, 44.5309,
51.3033

157.8596,
170.5084, 192.5019

■ 28.2057, 31.0881,
36.0717

194.9038,
210.1474, 236.6794

■ 18.6220, 20.6659,
24.1994

237.3325,
255.4977, 287.1461

■ 11.4999, 12.8800,
15.2681

285.5108,
306.9439, 344.3206

■ 6.4739, 7.3460,
8.8590

339.8042,

■ 3.1787, 3.6794,

364.8703, 408.6214

4.5538

400.5781,
429.6613, 480.4669

■ 1.2489, 1.4959,
1.9338

■ 0.1445, 0.2858,
0.5141

■ 75.3794, 82.0160,
93.5191

■ 75.3794, 82.0160,
93.5191

■ 67.9353, 77.1088,
92.9655

■ 83.8725, 87.4836,
94.1281

■ 61.4895, 72.7290,
92.4599

■ 88.5807, 91.0130,
94.5612

■ 55.9975, 68.8559,
92.0018

■ 89.3334, 92.5185,
94.8121

■ 51.4087, 65.4634,
91.5888

■ 90.0965, 94.0446,
95.0664

47.6677, 62.5228,
91.2184

90.8699, 95.5914,
95.3242

44.7133, 60.0025,
90.8876

91.6537, 97.1589,
95.5855

42.4755, 57.8664,
90.5933

92.4479, 98.7474,
95.8502

40.8721, 56.0720,
90.3314

92.5802, 99.0121,
95.8944

39.7903, 54.5612,
90.0968

Harmonies

Analogous

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



75.0121, 82.0160, 89.1704



75.3794, 82.0160, 93.5191



76.4343, 82.0160, 96.8278

Triad

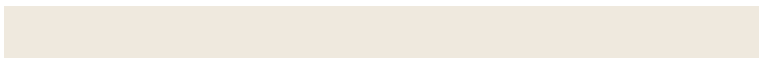
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.3794, 82.0160, 93.5191



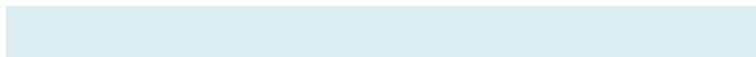
80.5392, 82.0160, 93.7536



77.9996, 82.0160, 81.0373

Complementary

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



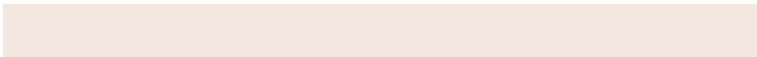
75.3794, 82.0160, 93.5191



74.6366, 75.7602, 78.4010

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.



79.4932, 82.0160, 82.1757



75.3794, 82.0160, 93.5191



80.9714, 82.0160, 89.4327

Square

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



75.3794, 82.0160, 93.5191



79.4128, 82.0160, 96.9663



80.5861, 82.0160, 85.2126



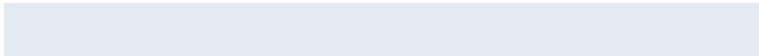
76.5126, 82.0160, 82.0516

Rectangle

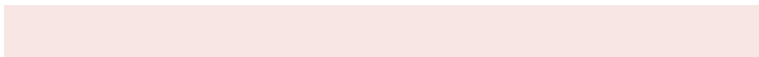
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



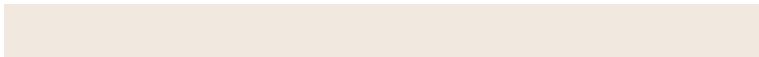
75.3794, 82.0160, 93.5191



77.3926, 82.0160, 97.9470



80.5861, 82.0160, 85.2126



78.5176, 82.0160, 81.1803

Sweetspot

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



75.3818, 82.0195, 93.5209



93.0278, 98.7041, 108.7564



73.5545, 82.2186, 81.0315



19.9330, 21.1403, 23.2799



0.0000, 0.0000, 0.0000



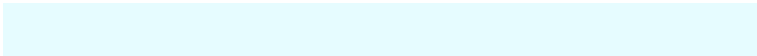
20.3446, 21.4041, 23.3091

Same Dimension

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



75.3818, 82.0195, 93.5209



85.4340, 93.7827, 108.2068



72.7301, 76.7161, 92.6370



16.0972, 17.6285, 20.2758



21.9405, 30.1052, 49.7824



1.8657, 2.5853, 4.1549

Inverse Universe

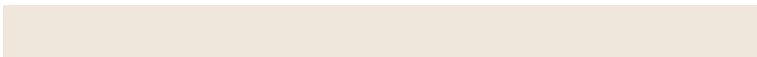
The Inverse Universe completely reimagines the original color for something new.



76.4777, 75.6532, 90.6965



87.0194, 84.6243, 104.1097



77.2042, 80.8954, 79.2569



16.3785, 16.0011, 19.5494



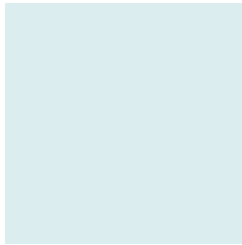
26.4002, 12.8325, 36.3534



2.2166, 1.0757, 3.1317

Previews

White Background



This preview shows how the XYZ color 75.3794, 82.0160, 93.5191 looks on a white background.

Color Contrast Check

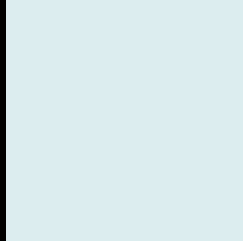
Large Text (above 18pt) WCAG AA × Fail

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 75.3794, 82.0160, 93.5191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

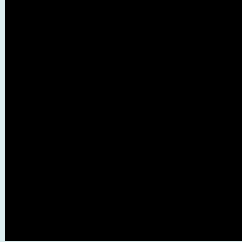
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

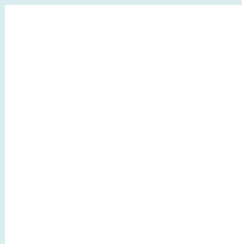
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.3794, 82.0160, 93.5191

Background



This preview shows how black text looks on a background with the XYZ color 75.3794, 82.0160, 93.5191.



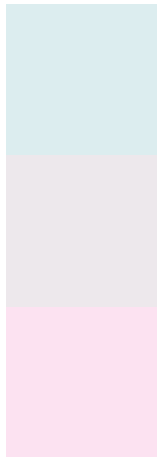
This preview shows how white text looks on a background with the XYZ color 75.3794, 82.0160,

93.5191.

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

75.3794, 82.0160, 93.5191

Protanopia

78.9220, 81.7739, 90.9812

Deuteranopia

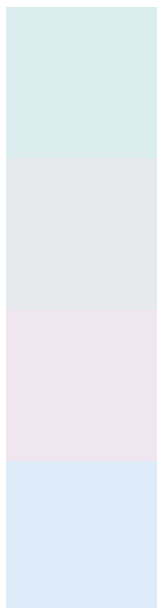
83.2184, 81.4390, 94.5523



Tritanopia

77.5622, 82.0381, 104.6755

Trichromacy



Original Color

75.3794, 82.0160, 93.5191

Protanomaly

77.6639, 81.9490, 91.8452

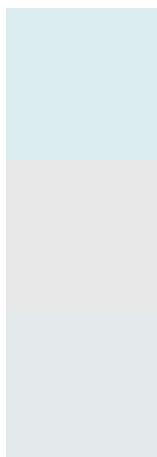
Deuteranomaly

79.9602, 81.4102, 93.9375

Tritanomaly

76.7575, 82.1404, 100.6161

Monochromacy



Original Color

75.3794, 82.0160, 93.5191

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.4131, 81.3378, 90.2696

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3794, 82.0160, 93.5191 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, 237, 239)` looks like.

```
.text, #text, p{  
    color:rgb(220, 237, 239)  
}
```

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, 237, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 237, 239) }
```

Border

The CSS property to change the border of an element to XYZ 75.3794, 82.0160, 93.5191 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, 237, 239) }
```


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

```
.border{ border-color:rgb(220, 237, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 237, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 237, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 237, 239);  
box-shadow:4px 4px 4px 4px rgb(220, 237,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3794, 82.0160, 93.5191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 237, 239) }
```

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

```
.background{ background-color: rgb(220,  
237, 239) }
```

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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