

Converting Colors

XYZ(74.5214, 82.9705, 83.0313)

Have a look what the booklet for
XYZ(74.5214, 82.9705, 83.0313)
contains.

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Color

**XYZ(74.5695, 83.1286,
83.3494)**

Conversions

Conversions Part 1

Format	Color
Hex	DDF0E1
RGB	221, 240, 225
RGB Percent	87%, 94%, 88%
CMY	0.1333, 0.0588, 0.1176
CMYK	0.08, 0.00, 0.06, 0.06
HSL	133°, 39%, 90%
HSV	133°, 8%, 94%
XYZ	74.5695, 83.1286, 83.3494
YIQ	232.6090, -6.5090, -8.6930

Conversions

Conversions Part 2

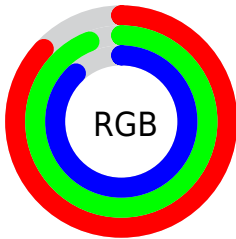
Format	Color
RYB	221, 237, 240
Decimal	14545121
CIELab	93.07, -8.98, 5.10
CIELCh	93, 10.326, 150.417
Yxy	83.1286, 0.3094, 0.3449
Android (android.graphics.Color)	4292735201 (0xFFDDDF0E1)
YUV	232.6090, -3.7512, -10.1811
Hunter-Lab	91.1749, -13.5657, 9.6212

Details

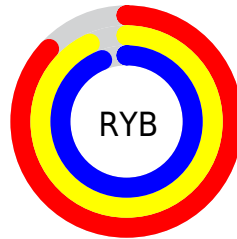
The XYZ color **74.5695, 83.1286, 83.3494** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.9350, 76.2964, 90.0326**, and the grayscale version is **77.1910, 81.2109, 88.4387**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1221, 45.2903, 44.6574** is the 20% darker color. If you saturate the color by 10%, you get **65.3350, 78.6527, 70.1645**, and if you desaturate by 10%, it is **85.1402, 88.2649, 98.0978**.

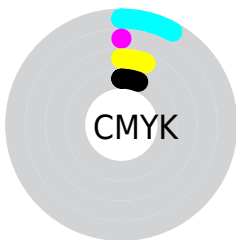
Distribution



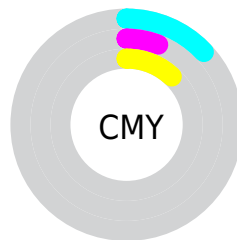
- Red (87%)
- Green (94%)
- Blue (88%)



- Red (87%)
- Yellow (93%)
- Blue (94%)



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



- Cyan (13%)
- Magenta (6%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5695, 83.1286, 83.3494 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 74.5695, 83.1286, 83.3494 by changing the saturation by 10% instead.

74.5695, 83.1286,
83.3494

74.5695, 83.1286,
83.3494

465.4566,
505.4150, 526.1517

55.5532, 62.2962,
61.9361

124.6940,
137.7556, 139.9183

40.0804, 45.2721,
44.5457

156.5328,
172.3190, 175.9111

27.7857, 31.6718,
30.7594

193.3766,
212.2282, 217.6007

18.3038, 21.1110,
20.1588

235.5907,
257.8676, 265.4059

11.2694, 13.2051,
12.3253

283.5403,
309.6215, 319.7450

6.3169, 7.5700,
6.8404

337.5910,

3.0812, 3.8210,

367.8745, 381.0366

3.2855

398.1079,
433.0109, 449.6994

■ 1.1969, 1.5740,
1.2422

■ 0.1039, 0.3399,
0.0137

■ 74.5695, 83.1286,
83.3494

■ 74.5695, 83.1286,
83.3494

■ 65.3350, 78.6527,
70.1645

■ 85.1402, 88.2649,
98.0978

■ 57.3763, 74.8000,
58.4864

■ 90.4517, 90.8034,
107.3672

■ 50.6386, 71.5460,
48.2631

■ 45.0605, 68.8599,
39.4373

■ 40.5751, 66.7087,
31.9481

■ 37.1085, 65.0557,
25.7301

■ 34.5774, 63.8593,
20.7122

■ 32.8847, 63.0711,
16.8163

■ 31.9011, 62.6264,
13.9544

Harmonies

Analogous

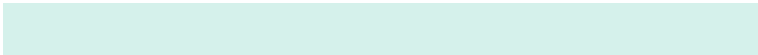
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.4045, 83.1286, 78.2537



74.5695, 83.1286, 83.3494



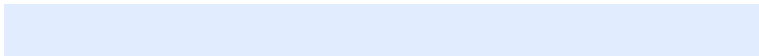
73.9185, 83.1286, 90.6214

Triad

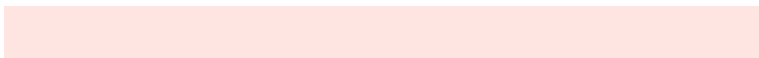
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.5695, 83.1286, 83.3494



79.0491, 83.1286, 106.2570



83.5866, 83.1286, 83.1718

Complementary

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



74.5695, 83.1286, 83.3494



76.9350, 76.2964, 90.0326

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.



84.3327, 83.1286, 90.4045



74.5695, 83.1286, 83.3494



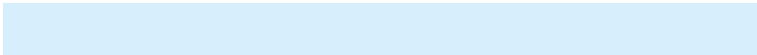
81.6766, 83.1286, 103.9899

Square

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



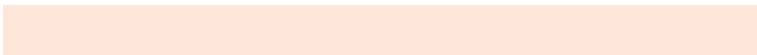
74.5695, 83.1286, 83.3494



76.4687, 83.1286, 104.1089



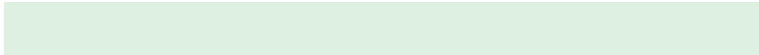
83.6260, 83.1286, 98.0755



81.6096, 83.1286, 78.1554

Rectangle

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



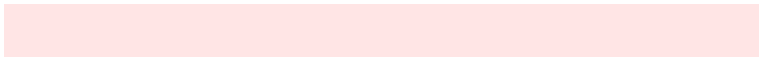
74.5695, 83.1286, 83.3494



74.2317, 83.1286, 95.8147



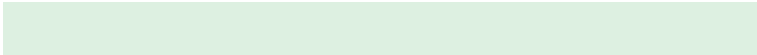
83.6260, 83.1286, 98.0755



83.9917, 83.1286, 85.4104

Sweetspot

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



74.5718, 83.1321, 83.3512



92.5569, 98.7889, 105.4348



78.8731, 85.4119, 80.7367



19.8371, 21.1576, 22.6038



0.0000, 0.0000, 0.0000



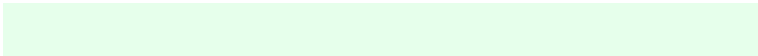
20.3446, 21.4041, 23.3091

Same Dimension

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



74.5718, 83.1321, 83.3512



83.2092, 94.2509, 92.3038



75.8760, 83.6538, 90.2190



15.7020, 17.7108, 17.4538



17.4179, 34.2592, 7.5836



1.4842, 2.8641, 0.8163

Inverse Universe

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



76.9350, 76.2964, 90.0326



86.5956, 84.4548, 101.8778



75.6180, 75.7696, 83.0976



16.3034, 15.9711, 19.1541



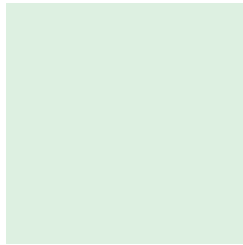
24.7786, 12.1839, 27.8146



2.0966, 1.0277, 2.4995

Previews

White Background



This preview shows how the XYZ color 74.5695, 83.1286, 83.3494 looks on a white background.

Color Contrast Check

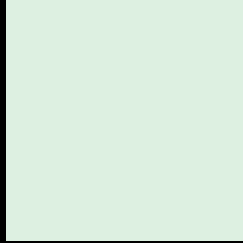
Large Text (above 18pt) WCAG AA × Fail

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 74.5695, 83.1286, 83.3494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

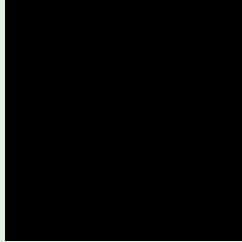
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

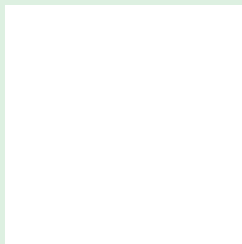
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.5695, 83.1286, 83.3494

Background



This preview shows how black text looks on a background with the XYZ color 74.5695, 83.1286, 83.3494.



This preview shows how white text looks on a background with the XYZ color 74.5695, 83.1286,

83.3494.

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

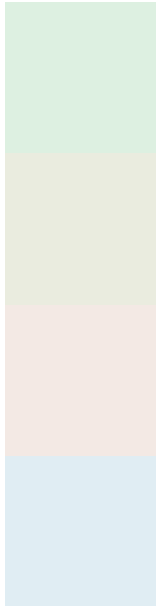




Tritanopia

79.2489, 83.3154, 105.6706

Trichromacy



Original Color

74.5695, 83.1286, 83.3494

Protanomaly

77.2464, 82.8110, 81.7248

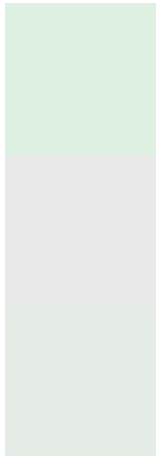
Deuteranomaly

80.1047, 82.9339, 85.1847

Tritanomaly

77.2023, 82.8867, 96.7238

Monochromacy



Original Color

74.5695, 83.1286, 83.3494

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.5915, 82.3621, 86.7236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5695, 83.1286, 83.3494 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(221, 240, 225)` looks like.

```
.text, #text, p{  
    color:rgb(221, 240, 225)  
}
```

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(221, 240, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 240, 225) }
```

Border

The CSS property to change the border of an element to XYZ 74.5695, 83.1286, 83.3494 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(221, 240, 225) }
```


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

```
.border{ border-color:rgb(221, 240, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 240, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 240, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 240, 225);  
box-shadow:4px 4px 4px 4px rgb(221, 240,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5695, 83.1286, 83.3494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 240, 225) }
```

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

```
.background{ background-color: rgb(221,  
240, 225) }
```

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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