

Converting Colors

XYZ(74.7906, 84.7623, 78.1928)

Have a look what the booklet for
XYZ(74.7906, 84.7623, 78.1928)
contains.

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Color

**XYZ(74.6992, 84.6405,
78.0458)**

Conversions

Conversions Part 1

Format	Color
Hex	DEF3D9
RGB	222, 243, 217
RGB Percent	87%, 95%, 85%
CMY	0.1294, 0.0470, 0.1490
CMYK	0.09, 0.00, 0.11, 0.05
HSL	108°, 52%, 90%
HSV	108°, 11%, 95%
XYZ	74.6992, 84.6405, 78.0458
YIQ	233.7570, -4.1700, -12.5380

Conversions

Conversions Part 2

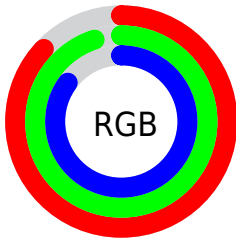
Format	Color
RYB	217, 243, 238
Decimal	14611417
CIELab	93.73, -11.55, 10.20
CIELCh	94, 15.404, 138.550
Yxy	84.6405, 0.3147, 0.3566
Android (android.graphics.Color)	4292801497 (0xFFDEF3D9)
YUV	233.7570, -8.2612, -10.3109
Hunter-Lab	92.0003, -16.0682, 14.1032

Details

The XYZ color **74.6992, 84.6405, 78.0458** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **76.2536, 74.2762, 95.1161**, and the grayscale version is **78.0877, 82.1543, 89.4661**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2283, 46.3648, 41.0115** is the 20% darker color. If you saturate the color by 10%, you get **66.1028, 80.5501, 62.3413**, and if you desaturate by 10%, it is **84.4656, 89.2852, 96.2380**.

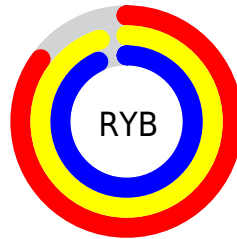
Distribution



Red (87%)

Green (95%)

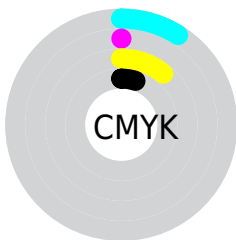
Blue (85%)



Red (85%)

Yellow (95%)

Blue (93%)

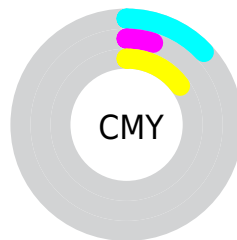


Cyan (9%)

Magenta (0%)

Yellow (11%)

Black (5%)



Cyan (13%)

Magenta (5%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6992, 84.6405, 78.0458 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 74.6992, 84.6405, 78.0458 by changing the saturation by 10% instead.

74.6992, 84.6405,
78.0458

74.6992, 84.6405,
78.0458

465.8962,
510.4377, 507.8544

55.6598, 63.5444,
57.5949

124.8767,
139.8708, 132.4011

40.1662, 46.2817,
41.0705

156.7454,
174.7737, 167.1427

27.8529, 32.4682,
28.0541

193.6214,
215.0478, 207.4849

18.3547, 21.7194,
18.1270

235.8699,
261.0773, 253.8463

11.3062, 13.6508,
10.8709

283.8562,
313.2466, 306.6454

6.3420, 7.8782,
5.8670

337.9458,

3.0967, 4.0171,

371.9402, 366.3007

2.6969

398.5040,
437.5425, 433.2309

■ 1.2051, 1.6831,
0.9419

■ 0.1104, 0.4127,
0.0000

■ 74.6992, 84.6405,
78.0458

■ 74.6992, 84.6405,
78.0458

■ 66.1028, 80.5501,
62.3413

■ 84.4656, 89.2852,
96.2380

■ 58.6253, 76.9826,
49.0111

■ 91.3422, 92.5844,
107.6641

■ 52.2221, 73.9200,
37.9413

■ 46.8427, 71.3390,
29.0065

■ 42.4325, 69.2144,
22.0691

■ 38.9318, 67.5189,
16.9752

■ 36.2737, 66.2216,
13.5488

■ 34.3812, 65.2877,
11.5793

■ 33.2118, 64.7022,
10.7383

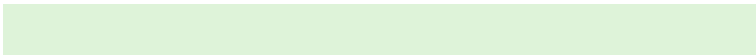
Harmonies

Analogous

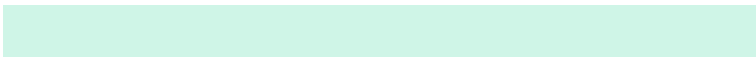
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.9734, 84.6405, 72.4219



74.6992, 84.6405, 78.0458



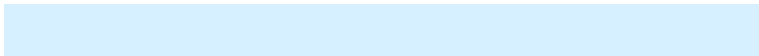
72.9875, 84.6405, 87.7621

Triad

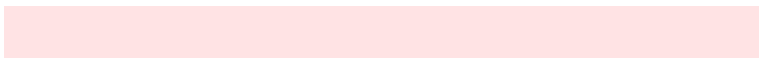
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.6992, 84.6405, 78.0458



78.8979, 84.6405, 116.0306



88.1328, 84.6405, 85.1813

Complementary

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



74.6992, 84.6405, 78.0458



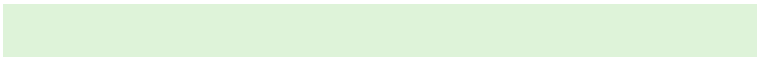
76.2536, 74.2762, 95.1161

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.



88.4009, 84.6405, 96.7006



74.6992, 84.6405, 78.0458



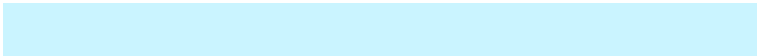
82.9749, 84.6405, 115.1913

Square

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



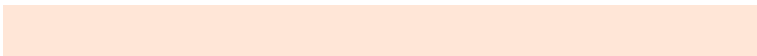
74.6992, 84.6405, 78.0458



75.3562, 84.6405, 110.0833



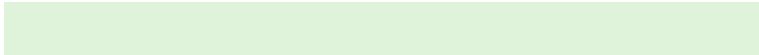
86.4850, 84.6405, 107.8789



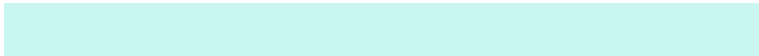
85.7646, 84.6405, 76.2945

Rectangle

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



74.6992, 84.6405, 78.0458



72.9228, 84.6405, 95.5467



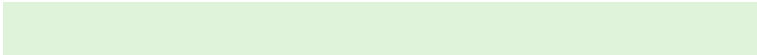
86.4850, 84.6405, 107.8789



88.4744, 84.6405, 88.8526

Sweetspot

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



74.7015, 84.6441, 78.0476



91.6057, 98.3639, 102.4371



80.0064, 85.1009, 77.8562



19.4147, 20.9624, 21.5654



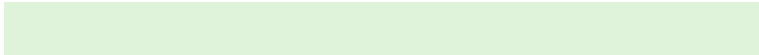
0.0000, 0.0000, 0.0000



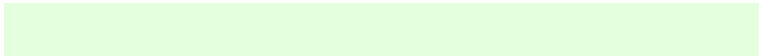
20.3446, 21.4041, 23.3091

Same Dimension

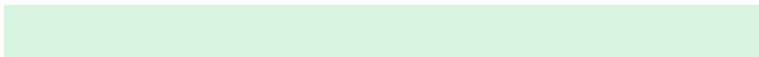
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.7015, 84.6441, 78.0476



80.9907, 93.3165, 82.7451



74.2318, 84.2819, 83.4489



16.5796, 18.6253, 17.5188



18.3108, 35.5524, 5.8972



1.6877, 3.1651, 0.5220

Inverse Universe

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



76.2536, 74.2762, 95.1161



83.0653, 79.4540, 105.5659



76.8023, 74.6923, 89.1213



16.8831, 16.5979, 20.8564



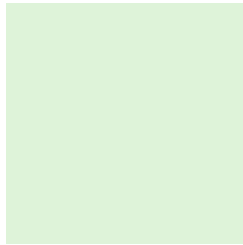
21.5227, 10.0697, 47.3473



1.9699, 0.9254, 4.1650

Previews

White Background



This preview shows how the XYZ color 74.6992, 84.6405, 78.0458 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 74.6992, 84.6405, 78.0458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

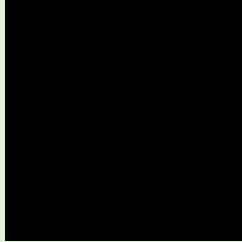
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

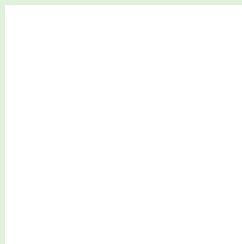
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.6992, 84.6405, 78.0458

Background



This preview shows how black text looks on a background with the XYZ color 74.6992, 84.6405, 78.0458.



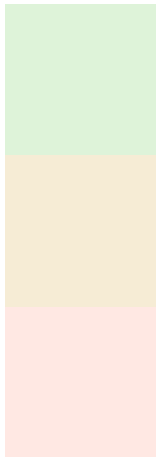
This preview shows how white text looks on a background with the XYZ color 74.6992, 84.6405,

78.0458.

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

74.6992, 84.6405, 78.0458

Protanopia

80.0117, 84.3878, 75.0222

Deuteranopia

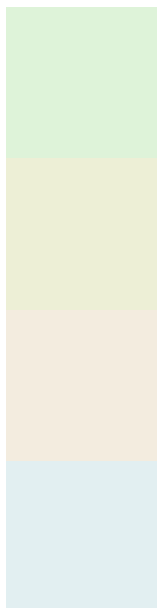
83.9617, 84.5193, 84.5616



Tritanopia

80.6473, 84.4464, 106.6570

Trichromacy



Original Color

74.6992, 84.6405, 78.0458

Protanomaly

77.9292, 84.5926, 75.8390

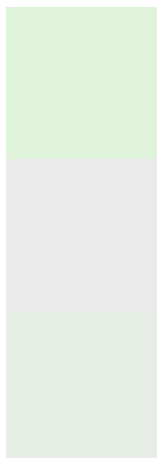
Deuteranomaly

80.2769, 84.3733, 81.8667

Tritanomaly

78.1077, 84.2526, 95.3648

Monochromacy



Original Color

74.6992, 84.6405, 78.0458

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

76.9209, 82.9928, 85.3638

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6992, 84.6405, 78.0458 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(222, 243, 217)` looks like.

```
.text, #text, p{  
    color:rgb(222, 243, 217)  
}
```

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(222, 243, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 243, 217) }
```

Border

The CSS property to change the border of an element to XYZ 74.6992, 84.6405, 78.0458 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(222, 243, 217) }
```


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

```
.border{ border-color:rgb(222, 243, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 243, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 243, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 243, 217);  
box-shadow:4px 4px 4px 4px rgb(222, 243,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6992, 84.6405, 78.0458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 243, 217) }
```

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

```
.background{ background-color: rgb(222,  
243, 217) }
```

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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