

Converting Colors

XYZ(75.9626, 90.8724, 75.8238)

Have a look what the booklet for
XYZ(75.9626, 90.8724, 75.8238)
contains.

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Color

**XYZ(75.9626, 90.8724,
75.8238)**

Conversions

Conversions Part 1

Format	Color
Hex	D8FFD4
RGB	216, 255, 212
RGB Percent	85%, 100%, 83%
CMY	0.1529, 0.0000, 0.1686
CMYK	0.15, 0.00, 0.17, 0.00
HSL	114°, 100%, 92%
HSV	114°, 17%, 100%
XYZ	75.9626, 90.8724, 75.8238
YIQ	238.4370, -9.4410, -21.6410

Conversions

Conversions Part 2

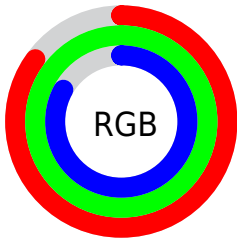
Format	Color
R_{YB}	212, 255, 251
Decimal	14221268
CIE _{Lab}	96.36, -20.29, 16.45
CIE _{LCh}	96, 26.120, 140.979
Yxy	90.8724, 0.3130, 0.3745
Android (android.graphics.Color)	4292411348 (0xFFD8FFD4)
YUV	238.4370, -13.0334, -19.6772
Hunter-Lab	95.3270, -24.5822, 19.5692

Details

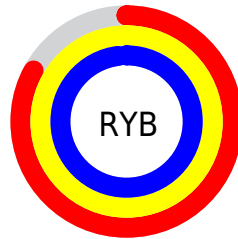
The XYZ color **75.9626, 90.8724, 75.8238** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **81.3778, 74.8173, 104.7599**, and the grayscale version is **81.7094, 85.9646, 93.6155**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9778, 50.3996, 39.4666** is the 20% darker color. If you saturate the color by 10%, you get **66.6365, 86.4074, 59.9009**, and if you desaturate by 10%, it is **86.7599, 96.0371, 94.4701**.

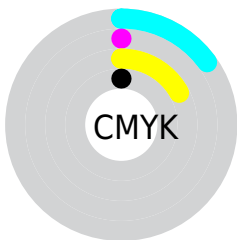
Distribution



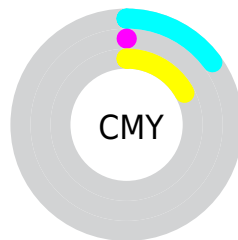
- Red (85%)
- Green (100%)
- Blue (83%)



- Red (83%)
- Yellow (100%)
- Blue (98%)



- Cyan (15%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)





- Cyan (15%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.9626, 90.8724, 75.8238 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 75.9626, 90.8724, 75.8238 by changing the saturation by 10% instead.


 75.9626, 90.8724,
75.8238

 75.9626, 90.8724,
75.8238


470.1660,
530.8647, 500.0751

 56.6988, 68.7044,
55.7822


126.6547,
148.5496, 129.2356

 41.0027, 50.4710,
39.6255


158.8137,
184.8276, 163.4430

 28.5088, 35.7878,
26.9351


196.0017,
226.5778, 203.2093

 18.8520, 24.2704,
17.2925

238.5843,
274.1845, 248.9532

 11.6667, 15.5343,
10.2791

286.9266,
328.0322, 301.0932

 6.5878, 9.1952,
5.4764

341.3941,

 3.2497, 4.8687,

388.5051, 360.0478

2.4658

402.3521,
455.9878, 426.2356

■ 1.2871, 2.1705,
0.8220

■ 0.1736, 0.7038,
0.0000

■ 75.9626, 90.8724,
75.8238

■ 75.9626, 90.8724,
75.8238

■ 66.6365, 86.4074,
59.9009

■ 86.7599, 96.0371,
94.4701

■ 58.7157, 82.6110,
46.5700

95.0500, 100.0000,
108.9000

■ 52.1327, 79.4512,
35.6954

■ 46.8131, 76.8929,
27.1270

■ 42.6755, 74.8979,
20.6985

■ 39.6289, 73.4233,
16.2214

■ 37.5685, 72.4198,
13.4743

■ 36.3682, 71.8285,
12.1773

■ 36.1300, 71.7108,
11.9373

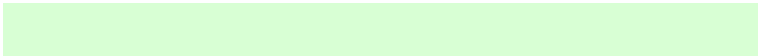
Harmonies

Analogous

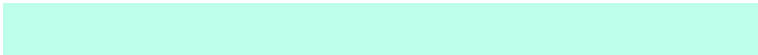
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.4641, 90.8724, 66.0811



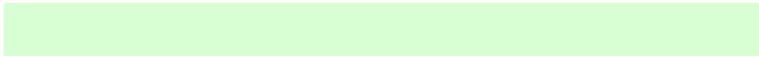
75.9626, 90.8724, 75.8238



73.2913, 90.8724, 92.8004

Triad

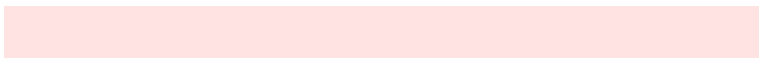
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.9626, 90.8724, 75.8238



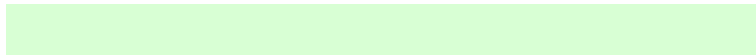
84.1986, 90.8724, 143.9711



100.0885, 90.8724, 85.2959

Complementary

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



75.9626, 90.8724, 75.8238



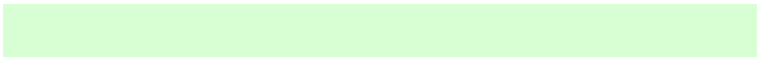
81.3778, 74.8173, 104.7599

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.



100.9221, 90.8724, 105.3542



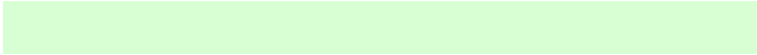
75.9626, 90.8724, 75.8238



91.4721, 90.8724, 141.2180

Square

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



75.9626, 90.8724, 75.8238



77.8679, 90.8724, 133.4108



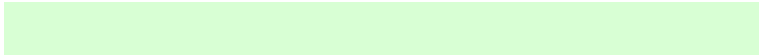
97.6903, 90.8724, 126.3440



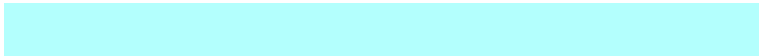
95.4726, 90.8724, 70.9932

Rectangle

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



75.9626, 90.8724, 75.8238



73.3656, 90.8724, 106.7642



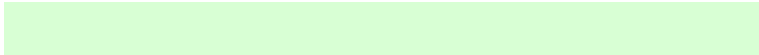
97.6903, 90.8724, 126.3440



100.8302, 90.8724, 91.5164

Sweetspot

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



75.9633, 90.8727, 75.8252



88.9374, 97.0782, 98.2519



87.5275, 94.8208, 75.9777



18.8590, 20.6940, 20.7220



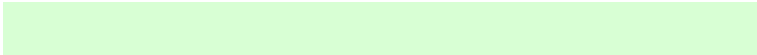
0.0000, 0.0000, 0.0000



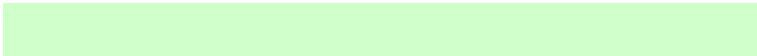
20.3446, 21.4041, 23.3091

Same Dimension

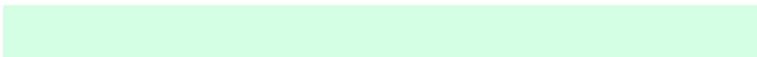
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.9633, 90.8727, 75.8252



72.8811, 89.3976, 70.5410



77.0829, 91.1857, 87.8140



17.9282, 20.2489, 19.1078



18.9309, 37.4973, 6.2399



1.8936, 3.6769, 0.6099

Inverse Universe

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



81.3778, 74.8173, 104.7599



79.1591, 70.7771, 104.0970



80.1874, 74.5093, 90.8910



18.6163, 18.2094, 22.7835



26.7672, 12.7095, 50.4770



2.6528, 1.2615, 4.9169

Previews

White Background



This preview shows how the XYZ color 75.9626, 90.8724, 75.8238 looks on a white background.

Color Contrast Check

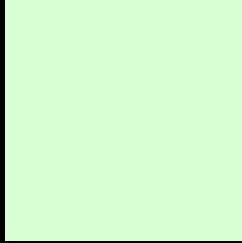
Large Text (above 18pt) WCAG AA × Fail

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 75.9626, 90.8724, 75.8238 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

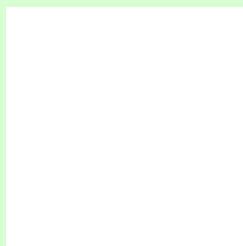
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.9626, 90.8724, 75.8238

Background



This preview shows how black text looks on a background with the XYZ color 75.9626, 90.8724, 75.8238.



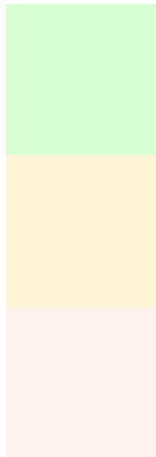
This preview shows how white text looks on a background with the XYZ color 75.9626, 90.8724,

75.8238.

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

75.9626, 90.8724, 75.8238

Protanopia

85.6009, 90.7655, 75.9586

Deuteranopia

87.8356, 90.2267, 92.1429



Tritanopia

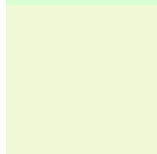
85.2667, 90.7937, 107.6386

Trichromacy



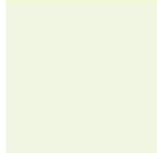
Original Color

75.9626, 90.8724, 75.8238



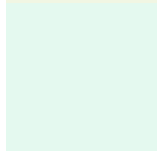
Protanomaly

81.8533, 90.6397, 76.1319



Deuteranomaly

83.0965, 90.1584, 85.6957



Tritanomaly

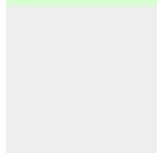
81.4506, 90.4773, 94.8323

Monochromacy



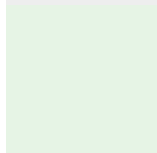
Original Color

75.9626, 90.8724, 75.8238



Achromatopsia

81.2670, 85.4993, 93.1087



Achromatomaly

79.1267, 87.1815, 86.7860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9626, 90.8724, 75.8238 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(216, 255, 212)` looks like.

```
.text, #text, p{  
    color:rgb(216, 255, 212)  
}
```

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(216, 255, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 255, 212) }
```

Border

The CSS property to change the border of an element to XYZ 75.9626, 90.8724, 75.8238 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(216, 255, 212) }
```


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

```
.border{ border-color:rgb(216, 255, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 255, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 255, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 255, 212);  
box-shadow:4px 4px 4px 4px rgb(216, 255,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9626, 90.8724, 75.8238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 255, 212) }
```

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

```
.background{ background-color: rgb(216,  
255, 212) }
```

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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[Learn more, Memberships starting at \\$2.50/m!](#)

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