

Converting Colors

XYZ(67.2044, 76.8419, 67.1684)

Have a look what the booklet for
XYZ(67.2044, 76.8419, 67.1684)
contains.

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Color

**XYZ(66.9510, 76.5391,
67.1220)**

Conversions

Conversions Part 1

Format	Color
Hex	D4E9CA
RGB	212, 233, 202
RGB Percent	83%, 91%, 79%
CMY	0.1686, 0.0863, 0.2078
CMYK	0.09, 0.00, 0.13, 0.09
HSL	101°, 41%, 85%
HSV	101°, 13%, 91%
XYZ	66.9510, 76.5391, 67.1220
YIQ	223.1870, -2.5650, -14.0930

Conversions

Conversions Part 2

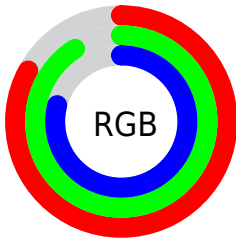
Format	Color
R_{YB}	202, 233, 223
Decimal	13953482
CIE _{Lab}	90.11, -12.49, 12.73
CIE _{LCh}	90, 17.833, 134.444
Y _{xy}	76.5391, 0.3179, 0.3634
Android (android.graphics.Color)	4292143562 (0xFFD4E9CA)
YUV	223.1870, -10.4452, -9.8110
Hunter-Lab	87.4866, -16.5007, 15.7518

Details

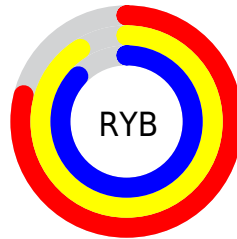
The XYZ color **66.9510, 76.5391, 67.1220** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **66.2629, 63.8143, 85.9197**, and the grayscale version is **70.3472, 74.0107, 80.5976**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.9721, 40.7505, 34.0394** is the 20% darker color. If you saturate the color by 10%, you get **60.0681, 73.2881, 53.4698**, and if you desaturate by 10%, it is **74.6996, 80.1927, 82.9923**.

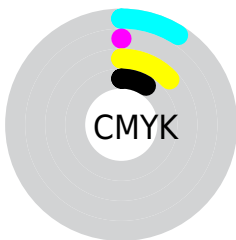
Distribution



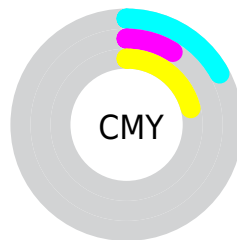
- Red (83%)
- Green (91%)
- Blue (79%)



- Red (79%)
- Yellow (91%)
- Blue (87%)



- Cyan (9%)
- Magenta (0%)
- Yellow (13%)
- Black (9%)



- Cyan (17%)
- Magenta (9%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.9510, 76.5391, 67.1220 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 66.9510, 76.5391, 67.1220 by changing the saturation by 10% instead.

66.9510, 76.5391,
67.1220

66.9510, 76.5391,
67.1220

439.2056,
483.1911, 468.8922

49.3154, 56.8747,
48.7216

113.9004,
128.4887, 116.7375

35.0853, 40.9046,
34.0346

143.9448,
161.5426, 148.7897

23.8954, 28.2446,
22.6426

178.8563,
199.8285, 186.2295

15.3804, 18.5101,
14.1270

219.0000,
243.7307, 229.4755

9.1748, 11.3168,
8.0693

264.7415,
293.6337, 278.9462

4.9134, 6.2804,
4.0509

316.4460,

2.2308, 3.0163,

349.9219, 335.0602

1.6533

374.4789,
412.9795, 398.2360

0.7589, 1.1402,
0.3284

0.0000, 0.0121,
0.0000

66.9510, 76.5391,
67.1220

66.9510, 76.5391,
67.1220

60.0681, 73.2881,
53.4698

74.6996, 80.1927,
82.9923

54.0133, 70.4159,
41.9320

83.3373, 84.2522,
101.1682

48.7555, 67.9108,
32.4042

88.4304, 86.7608,
106.6935

44.2588, 65.7570,
24.7713

■ 40.4846, 63.9372,
18.9061

■ 37.3904, 62.4327,
14.6661

■ 34.9283, 61.2225,
11.8868

■ 33.0428, 60.2821,
10.3687

■ 32.0539, 59.7827,
9.8498

Harmonies

Analogous

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



70.6462, 76.5391, 61.8958



66.9510, 76.5391, 67.1220



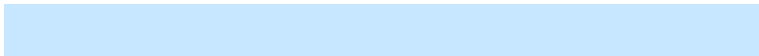
64.8546, 76.5391, 76.9717

Triad

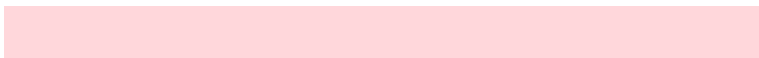
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.9510, 76.5391, 67.1220



70.4898, 76.5391, 109.0891



81.3036, 76.5391, 77.4061

Complementary

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



66.9510, 76.5391, 67.1220



66.2629, 63.8143, 85.9197

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.



81.2575, 76.5391, 90.0461



66.9510, 76.5391, 67.1220



74.8913, 76.5391, 109.2357

Square

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



66.9510, 76.5391, 67.1220



66.8405, 76.5391, 101.5934



78.8706, 76.5391, 101.9757



78.9940, 76.5391, 67.4121

Rectangle

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



66.9510, 76.5391, 67.1220



64.5899, 76.5391, 85.2405



78.8706, 76.5391, 101.9757



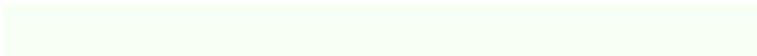
81.5659, 76.5391, 81.4641

Sweetspot

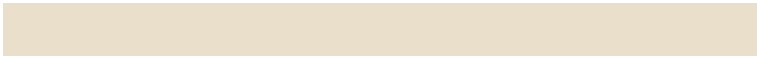
The Sweet Spot groups the original color and five complimentary colors.



66.9531, 76.5424, 67.1237



90.9542, 98.0732, 100.3624



70.5667, 74.1885, 66.4789



19.3073, 20.9161, 21.1490



0.0000, 0.0000, 0.0000



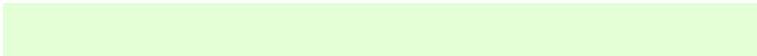
20.3446, 21.4041, 23.3091

Same Dimension

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



66.9531, 76.5424, 67.1237



79.7152, 92.7746, 77.4582



64.7812, 75.3509, 70.2698



15.3257, 17.0979, 16.0112



18.3020, 33.9795, 5.5941



1.5344, 2.7183, 0.4438

Inverse Universe

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



66.2629, 63.8143, 85.9197



78.7105, 74.2635, 104.7935



68.7081, 65.1589, 82.2366



15.2151, 15.0562, 19.0265



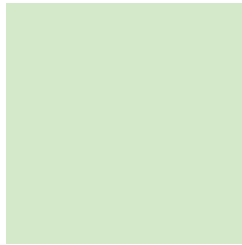
16.4649, 7.5239, 44.3274



1.3926, 0.6422, 3.4854

Previews

White Background



This preview shows how the XYZ color 66.9510, 76.5391, 67.1220 looks on a white background.

Color Contrast Check

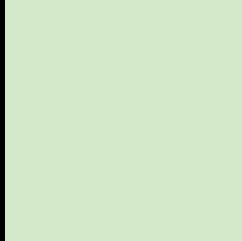
Large Text (above 18pt) WCAG AA × Fail

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 66.9510, 76.5391, 67.1220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

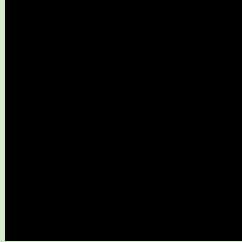
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

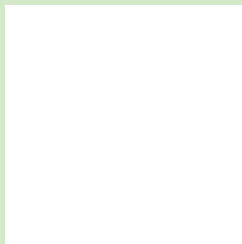
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.9510, 76.5391, 67.1220

Background



This preview shows how black text looks on a background with the XYZ color 66.9510, 76.5391, 67.1220.

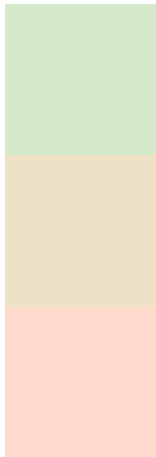


This preview shows how white text looks on a background with the XYZ color 66.9510, 76.5391,

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



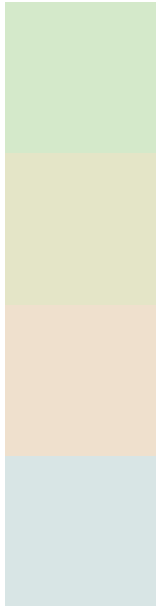
Original Color
66.9510, 76.5391, 67.1220
Protanopia
72.3145, 76.4745, 64.3757
Deuteranopia
77.7121, 76.3793, 69.0393



Tritanopia

73.1639, 76.5908, 97.3136

Trichromacy



Original Color

66.9510, 76.5391, 67.1220

Protanomaly

70.3230, 76.6561, 65.1225

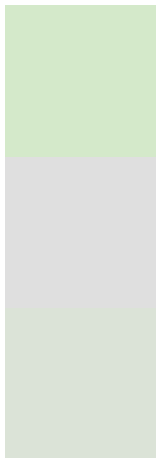
Deuteranomaly

73.2717, 76.0698, 68.5787

Tritanomaly

70.4811, 76.2947, 85.1403

Monochromacy



Original Color

66.9510, 76.5391, 67.1220

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

68.9482, 74.9045, 75.1140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.9510, 76.5391, 67.1220 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(212, 233, 202) looks like.

```
.text, #text, p{  
    color:rgb(212, 233, 202)  
}
```

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(212, 233, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 233, 202) }
```

Border

The CSS property to change the border of an element to XYZ 66.9510, 76.5391, 67.1220 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(212, 233, 202) }
```


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

```
.border{ border-color:rgb(212, 233, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 233, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 233, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 233, 202);  
box-shadow:4px 4px 4px 4px rgb(212, 233,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 66.9510, 76.5391, 67.1220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 233, 202) }
```

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

```
.background{ background-color: rgb(212,  
233, 202) }
```

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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