

Converting Colors

XYZ(66.2215, 75.5648, 76.0522)

Have a look what the booklet for
XYZ(66.2215, 75.5648, 76.0522)
contains.

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Color

**XYZ(66.1531, 75.5085,
76.0537)**

Conversions

Conversions Part 1

Format	Color
Hex	CCE8D8
RGB	204, 232, 216
RGB Percent	80%, 91%, 85%
CMY	0.2000, 0.0902, 0.1529
CMYK	0.12, 0.00, 0.07, 0.09
HSL	146°, 38%, 85%
HSV	146°, 12%, 91%
XYZ	66.1531, 75.5085, 76.0537
YIQ	221.8040, -11.5520, -10.9120

Conversions

Conversions Part 2

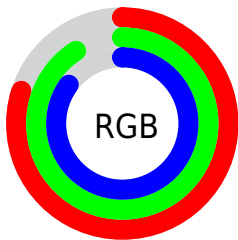
Format	Color
RYB	204, 224, 232
Decimal	13428952
CIELab	89.63, -12.20, 4.67
CIELCh	90, 13.062, 159.057
Yxy	75.5085, 0.3039, 0.3468
Android (android.graphics.Color)	4291619032 (0xFFCCE8D8)
YUV	221.8040, -2.8614, -15.6141
Hunter-Lab	86.8956, -16.1764, 8.9345

Details

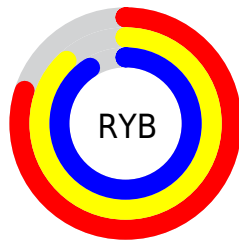
The XYZ color **66.1531, 75.5085, 76.0537** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.7925, 65.5107, 76.7854**, and the grayscale version is **69.3200, 72.9300, 79.4208**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.5360, 40.1079, 39.6396** is the 20% darker color. If you saturate the color by 10%, you get **58.6164, 71.8154, 67.1119**, and if you desaturate by 10%, it is **74.7796, 79.7516, 85.7717**.

Distribution



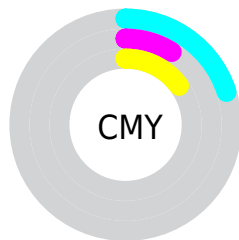
- Red (80%)
- Green (91%)
- Blue (85%)



- Red (80%)
- Yellow (88%)
- Blue (91%)



- Cyan (12%)
- Magenta (0%)
- Yellow (7%)
- Black (9%)



- Cyan (20%)
- Magenta (9%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.1531, 75.5085, 76.0537 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 66.1531, 75.5085, 76.0537 by changing the saturation by 10% instead.

■ 66.1531, 75.5085,
76.0537

■ 66.1531, 75.5085,
76.0537

436.4042,
479.6635, 500.8832

■ 48.6649, 56.0296,
55.9696

112.7626,
127.0319, 129.5636

■ 34.5671, 40.2266,
39.7747

142.6145,
159.8452, 163.8265

■ 23.4946, 27.7153,
27.0505

177.3184,
197.8720, 203.6527

■ 15.0818, 18.1112,
17.3784

217.2395,
241.4968, 249.4609

■ 8.9635, 11.0298,
10.3398

262.7433,
291.1040, 301.6695

■ 4.7743, 6.0869,
5.5163

314.1951,

■ 2.1488, 2.8980,

347.0779, 360.6970

2.4893

371.9603,
409.8029, 426.9621

■ 0.7156, 1.0787,
0.8345

■ 0.0000, 0.0000,
0.0000

■ 66.1531, 75.5085,
76.0537

■ 66.1531, 75.5085,
76.0537

■ 58.6164, 71.8154,
67.1119

■ 74.7796, 79.7516,
85.7717

■ 52.1182, 68.6400,
58.9223

■ 84.5319, 84.5566,
96.2793

■ 46.6123, 65.9610,
51.4667

■ 88.1481, 86.1962,
106.5994

■ 42.0467, 63.7518,
44.7243

■ 38.3641, 61.9835,
38.6734

■ 35.5007, 60.6235,
33.2911

■ 33.3837, 59.6348,
28.5531

■ 31.9259, 58.9730,
24.4330

■ 31.1303, 58.6251,
21.5849

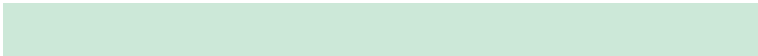
Harmonies

Analogous

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



67.9466, 75.5085, 69.2304



66.1531, 75.5085, 76.0537



65.8401, 75.5085, 85.0321

Triad

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



66.1531, 75.5085, 76.0537



72.7453, 75.5085, 100.9514



76.6725, 75.5085, 71.5659

Complementary

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



66.1531, 75.5085, 76.0537



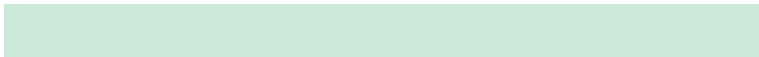
67.7925, 65.5107, 76.7854

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.



78.0427, 75.5085, 79.4626



66.1531, 75.5085, 76.0537



75.7312, 75.5085, 96.7314

Square

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



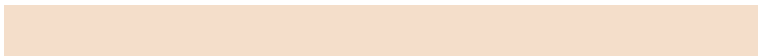
66.1531, 75.5085, 76.0537



69.5833, 75.5085, 99.8682



77.6931, 75.5085, 88.7023



73.9991, 75.5085, 66.7769

Rectangle

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



66.1531, 75.5085, 76.0537



66.5036, 75.5085, 91.1102



77.6931, 75.5085, 88.7023



77.3044, 75.5085, 73.9202

Sweetspot

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



66.1552, 75.5117, 76.0554



90.4720, 97.7467, 103.8610



69.3746, 77.3441, 68.4001



19.1858, 20.8338, 22.0315



0.0000, 0.0000, 0.0000



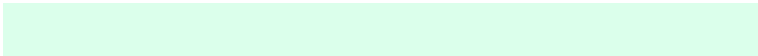
20.3446, 21.4041, 23.3091

Same Dimension

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



66.1552, 75.5117, 76.0554



80.0012, 92.6016, 91.9507



67.9972, 76.2485, 85.7549



14.4444, 16.1912, 16.6050



17.3417, 32.5688, 12.2998



1.3272, 2.4250, 1.1499

Inverse Universe

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



67.7925, 65.5107, 76.7854



82.3337, 78.3533, 92.9902



66.0550, 64.8156, 67.6354



14.7204, 14.5054, 16.7281



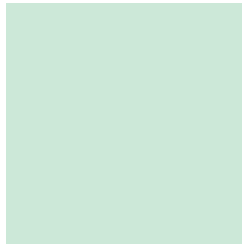
20.8737, 10.4837, 13.4960



1.5888, 0.7932, 1.2412

Previews

White Background



This preview shows how the XYZ color 66.1531, 75.5085, 76.0537 looks on a white background.

Color Contrast Check

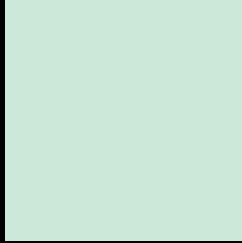
Large Text (above 18pt) WCAG AA × Fail

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 66.1531, 75.5085, 76.0537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

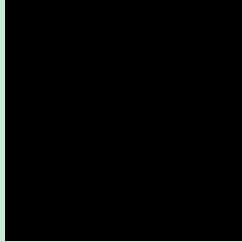
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

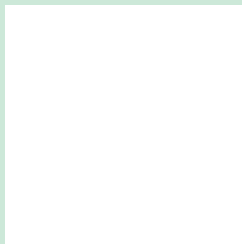
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.1531, 75.5085, 76.0537

Background



This preview shows how black text looks on a background with the XYZ color 66.1531, 75.5085, 76.0537.

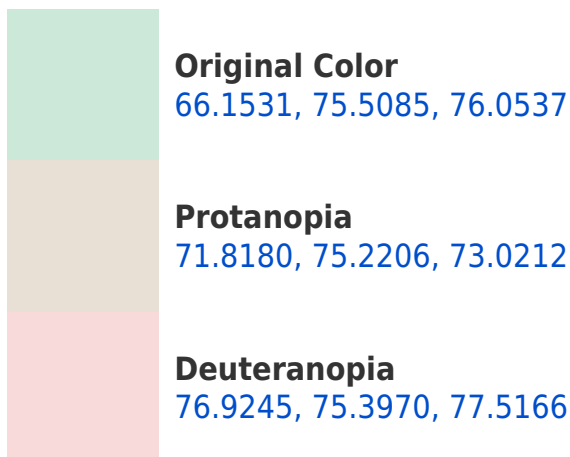


This preview shows how white text looks on a background with the XYZ color 66.1531, 75.5085,

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

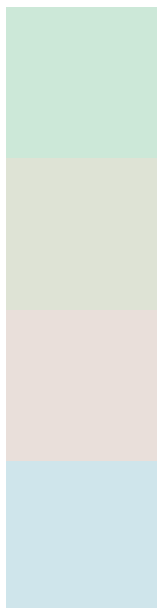




Tritanopia

70.6725, 75.6959, 98.0747

Trichromacy



Original Color

66.1531, 75.5085, 76.0537

Protanomaly

69.6035, 75.2719, 73.8112

Deuteranomaly

72.6468, 75.1609, 77.0083

Tritanomaly

68.7468, 75.3022, 89.5087

Monochromacy



Original Color

66.1531, 75.5085, 76.0537

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

68.1390, 74.0071, 78.4036

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1531, 75.5085, 76.0537 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(204, 232, 216) looks like.

```
.text, #text, p{  
    color:rgb(204, 232, 216)  
}
```

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(204, 232, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 232, 216) }
```

Border

The CSS property to change the border of an element to XYZ 66.1531, 75.5085, 76.0537 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(204, 232, 216) }
```


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

```
.border{ border-color:rgb(204, 232, 216) }
```

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

Here you see how a box with a 4 pixel rgb(204, 232, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 232, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 232, 216);  
box-shadow:4px 4px 4px 4px rgb(204, 232,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1531, 75.5085, 76.0537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 232, 216) }
```

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

```
.background{ background-color: rgb(204,  
232, 216) }
```

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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