

Converting Colors

XYZ(66.8062, 75.2260, 72.1643)

Have a look what the booklet for
XYZ(66.8062, 75.2260, 72.1643)
contains.

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Color

**XYZ(66.7936, 75.0957,
71.9473)**

Conversions

Conversions Part 1

Format	Color
Hex	D3E6D2
RGB	211, 230, 210
RGB Percent	83%, 90%, 82%
CMY	0.1725, 0.0980, 0.1765
CMYK	0.08, 0.00, 0.09, 0.10
HSL	117°, 29%, 86%
HSV	117°, 9%, 90%
XYZ	66.7936, 75.0957, 71.9473
YIQ	222.0390, -4.9040, -10.2480

Conversions

Conversions Part 2

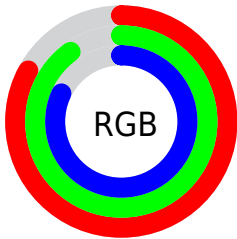
Format	Color
R _{YB}	210, 230, 229
Decimal	13887186
CIE Lab	89.44, -9.94, 7.59
CIE LCh	89, 12.508, 142.644
Yxy	75.0957, 0.3124, 0.3512
Android (android.graphics.Color)	4292077266 (0xFFD3E6D2)
YUV	222.0390, -5.9352, -9.6812
Hunter-Lab	86.6578, -14.0679, 11.4351

Details

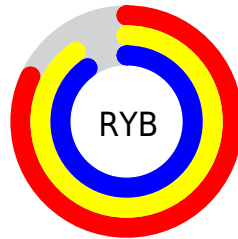
The XYZ color **66.7936, 75.0957, 71.9473** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.6458, 68.4665, 84.4115**, and the grayscale version is **69.5035, 73.1231, 79.6311**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.8471, 39.7403, 37.2865** is the 20% darker color. If you saturate the color by 10%, you get **58.2915, 71.0225, 57.6508**, and if you desaturate by 10%, it is **76.5628, 79.7788, 88.4561**.

Distribution



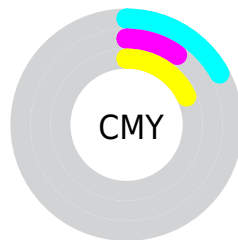
- Red (83%)
- Green (90%)
- Blue (82%)



- Red (82%)
- Yellow (90%)
- Blue (90%)



- Cyan (8%)
- Magenta (0%)
- Yellow (9%)
- Black (10%)



- Cyan (17%)
- Magenta (10%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.7936, 75.0957, 71.9473 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 66.7936, 75.0957, 71.9473 by changing the saturation by 10% instead.

66.7936, 75.0957,
71.9473

66.7936, 75.0957,
71.9473

438.6538,
478.2464, 486.3308

49.1870, 55.6913,
52.6291

113.6760,
126.4478, 123.6886

34.9830, 39.9555,
37.1210

143.6826,
159.1643, 156.9488

23.8162, 27.5038,
25.0047

178.5532,
197.0870, 195.6933

15.3213, 17.9520,
15.8615

218.6531,
240.6002, 240.3408

9.1330, 10.9155,
9.2729

264.3478,
290.0884, 291.3097

4.8858, 6.0100,
4.8204

316.0025,

2.2145, 2.8512,

345.9358, 349.0187

2.0854

373.9828,
408.5271, 413.8862

■ 0.7504, 1.0545,
0.6070

■ 0.0000, 0.0000,
0.0000

■ 66.7936, 75.0957,
71.9473

■ 66.7936, 75.0957,
71.9473

■ 58.2915, 71.0225,
57.6508

■ 76.5628, 79.7788,
88.4561

■ 50.9986, 67.5250,
45.4680

■ 87.4795, 85.0206,
106.4077

■ 44.8620, 64.5801,
35.3001

■ 87.5883, 85.0766,
106.4128

■ 39.8221, 62.1596,
27.0386

■ 35.8143, 60.2327,
20.5647

■ 32.7671, 58.7653,
15.7465

■ 30.5999, 57.7191,
12.4336

■ 29.2189, 57.0497,
10.4488

■ 28.5011, 56.6993,
9.5280

Harmonies

Analogous

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



69.1313, 75.0957, 67.1581



66.7936, 75.0957, 71.9473



65.6896, 75.0957, 79.6245

Triad

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



66.7936, 75.0957, 71.9473



70.6243, 75.0957, 99.6732



76.9544, 75.0957, 75.4392

Complementary

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



66.7936, 75.0957, 71.9473



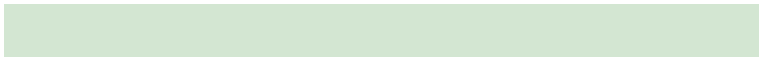
69.6458, 68.4665, 84.4115

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.



77.3818, 75.0957, 83.9465



66.7936, 75.0957, 71.9473



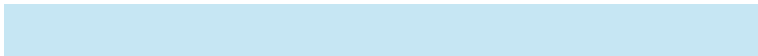
73.6692, 75.0957, 98.3530

Square

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



66.7936, 75.0957, 71.9473



67.8598, 75.0957, 95.9291



76.1638, 75.0957, 92.4407



75.0120, 75.0957, 69.0712

Rectangle

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



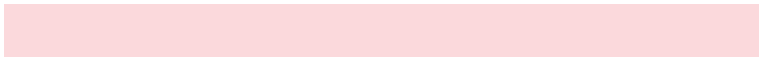
66.7936, 75.0957, 71.9473



65.7790, 75.0957, 85.5167



76.1638, 75.0957, 92.4407



77.2822, 75.0957, 78.1275

Sweetspot

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



66.7957, 75.0989, 71.9489



91.2191, 98.1646, 102.4190



72.2887, 77.5186, 72.1265



19.3109, 20.9088, 21.5606



0.0000, 0.0000, 0.0000



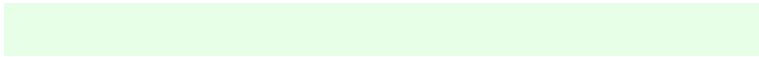
20.3446, 21.4041, 23.3091

Same Dimension

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



66.7957, 75.0989, 71.9489



82.8549, 94.1564, 88.3024



67.6638, 75.4132, 78.0101



14.2556, 16.1233, 15.2652



16.1317, 32.0977, 5.3452



1.2157, 2.3841, 0.3961

Inverse Universe

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



69.6458, 68.4665, 84.4115



86.9807, 84.5549, 106.3441



68.7335, 68.1386, 77.9387



14.9202, 14.5766, 18.1715



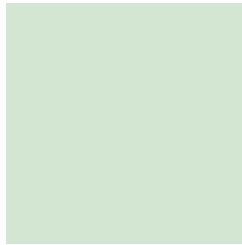
24.5737, 11.7341, 43.3529



1.8379, 0.8784, 3.2047

Previews

White Background



This preview shows how the XYZ color 66.7936, 75.0957, 71.9473 looks on a white background.

Color Contrast Check

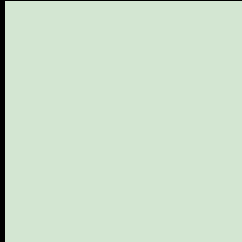
Large Text (above 18pt) WCAG AA × Fail

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 66.7936, 75.0957, 71.9473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

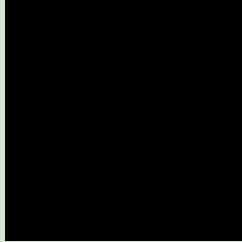
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

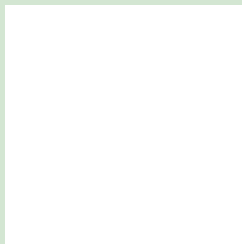
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.7936, 75.0957, 71.9473

Background



This preview shows how black text looks on a background with the XYZ color 66.7936, 75.0957, 71.9473.

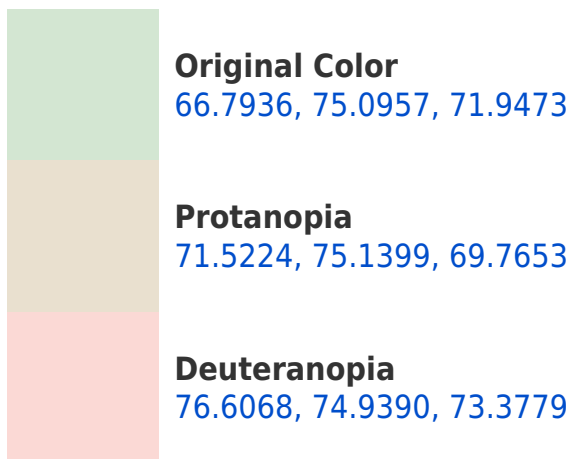


This preview shows how white text looks on a background with the XYZ color 66.7936, 75.0957,

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

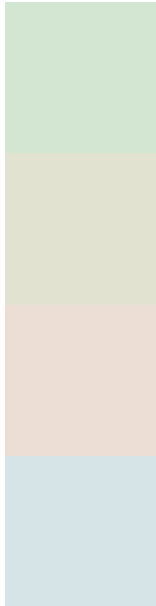




Tritanopia

71.4218, 74.9204, 95.4908

Trichromacy



Original Color

66.7936, 75.0957, 71.9473

Protanomaly

69.6329, 74.9543, 70.4721

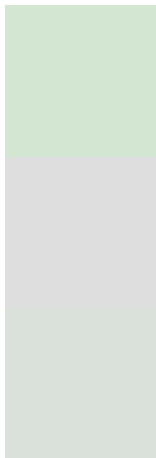
Deuteranomaly

72.5970, 74.8289, 72.9045

Tritanomaly

69.6244, 75.0038, 86.4089

Monochromacy



Original Color

66.7936, 75.0957, 71.9473

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

68.4935, 73.8178, 76.9679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7936, 75.0957, 71.9473 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(211, 230, 210) looks like.

```
.text, #text, p{  
    color:rgb(211, 230, 210)  
}
```

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(211, 230, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 230, 210) }
```

Border

The CSS property to change the border of an element to XYZ 66.7936, 75.0957, 71.9473 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(211, 230, 210) }
```


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

```
.border{ border-color:rgb(211, 230, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 230, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 230, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 230, 210);  
box-shadow:4px 4px 4px 4px rgb(211, 230,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7936, 75.0957, 71.9473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 230, 210) }
```

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

```
.background{ background-color: rgb(211,  
230, 210) }
```

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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