

Converting Colors

XYZ(63.1545, 73.4561, 71.9625)

Have a look what the booklet for
XYZ(63.1545, 73.4561, 71.9625)
contains.

XYZ(63.2347, 73.6753, 71.8607)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(63.2347, 73.6753,
71.8607)**

Conversions

Conversions Part 1

Format	Color
Hex	C5E7D2
RGB	197, 231, 210
RGB Percent	77%, 91%, 82%
CMY	0.2274, 0.0941, 0.1765
CMYK	0.15, 0.00, 0.09, 0.09
HSL	143°, 41%, 84%
HSV	143°, 15%, 91%
XYZ	63.2347, 73.6753, 71.8607
YIQ	218.4400, -13.5230, -13.7390

Conversions

Conversions Part 2

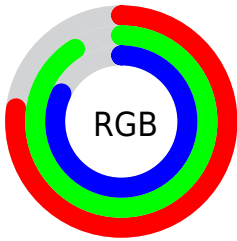
Format	Color
R _{YB}	197, 222, 231
Decimal	12969938
CIE _{Lab}	88.77, -15.10, 6.51
CIE _{LCh}	89, 16.440, 156.689
Yxy	73.6753, 0.3029, 0.3529
Android (android.graphics.Color)	4291160018 (0xFFC5E7D2)
YUV	218.4400, -4.1609, -18.8029
Hunter-Lab	85.8343, -18.7079, 10.4463

Details

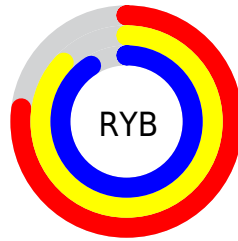
The XYZ color **63.2347, 73.6753, 71.8607** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.5787, 61.9851, 74.8409**, and the grayscale version is **66.9805, 70.4687, 76.7404**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **32.6584, 38.8999, 37.2396** is the 20% darker color. If you saturate the color by 10%, you get **55.9443, 70.1153, 62.6504**, and if you desaturate by 10%, it is **71.6147, 77.7827, 81.9525**.

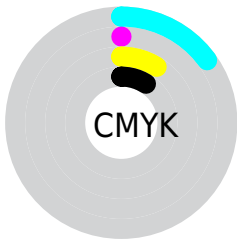
Distribution



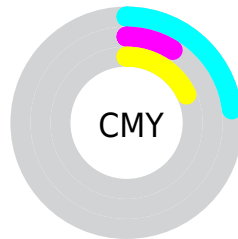
- Red (77%)
- Green (91%)
- Blue (82%)



- Red (77%)
- Yellow (87%)
- Blue (91%)



- Cyan (15%)
- Magenta (0%)
- Yellow (9%)
- Black (9%)



- Cyan (23%)
- Magenta (9%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.2347, 73.6753, 71.8607 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 63.2347, 73.6753, 71.8607 by changing the saturation by 10% instead.

63.2347, 73.6753,
71.8607

63.2347, 73.6753,
71.8607

426.0669,
473.3520, 486.0211

46.2905, 54.5283,
52.5588

108.5880,
124.4354, 123.5643

32.6807, 39.0242,
37.0653

137.7277,
156.8173, 156.8031

22.0400, 26.7786,
24.9619

171.6633,
194.3797, 195.5246

14.0031, 17.4070,
15.8299

210.7601,
237.5069, 240.1473

8.2045, 10.5251,
9.2508

255.3835,
286.5833, 291.0897

4.2790, 5.7485,
4.8061

305.8989,

1.8612, 2.6927,

341.9934, 348.7705

2.0772

362.6716,
404.1215, 413.6081

■ 0.5541, 0.9735,
0.6022

■ 0.0000, 0.0000,
0.0000

■ 63.2347, 73.6753,
71.8607

■ 63.2347, 73.6753,
71.8607

■ 55.9443, 70.1153,
62.6504

■ 71.6147, 77.7827,
81.9525

■ 49.6911, 67.0702,
54.2931

■ 81.1214, 82.4502,
92.9438

■ 44.4275, 64.5179,
46.7657

■ 87.5164, 85.4943,
104.6575

■ 40.0998, 62.4312,
40.0423

■ 87.8673, 85.6347,
106.5058

■ 36.6488, 60.7802,
34.0955

■ 34.0083, 59.5313,
28.8965

■ 32.1017, 58.6457,
24.4142

■ 30.8362, 58.0761,
20.6152

■ 30.3520, 57.8645,
18.8710

Harmonies

Analogous

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



65.5554, 73.6753, 63.9066



63.2347, 73.6753, 71.8607



62.7016, 73.6753, 82.7983

Triad

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



63.2347, 73.6753, 71.8607



70.9208, 73.6753, 103.9997



76.3398, 73.6753, 67.8321

Complementary

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



63.2347, 73.6753, 71.8607



65.5787, 61.9851, 74.8409

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.



77.9000, 73.6753, 77.6956



63.2347, 73.6753, 71.8607



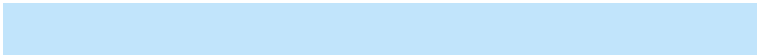
74.6957, 73.6753, 99.0969

Square

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



63.2347, 73.6753, 71.8607



67.0431, 73.6753, 102.0633



77.2873, 73.6753, 89.2034



73.0964, 73.6753, 61.7391

Rectangle

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



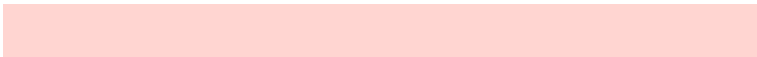
63.2347, 73.6753, 71.8607



63.4129, 73.6753, 90.4653



77.2873, 73.6753, 89.2034



77.0840, 73.6753, 70.7788

Sweetspot

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



63.2367, 73.6784, 71.8623



90.3985, 97.7173, 103.4740



67.7299, 76.1743, 63.9576



19.1673, 20.8264, 21.9336



0.0000, 0.0000, 0.0000



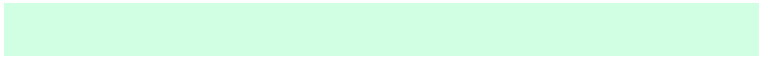
20.3446, 21.4041, 23.3091

Same Dimension

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



63.2367, 73.6784, 71.8623



75.8995, 90.6166, 85.9094



65.3959, 74.5421, 83.2323



14.4162, 16.1799, 16.4565



17.0709, 32.4605, 10.8738



1.3057, 2.4164, 1.0362

Inverse Universe

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



65.5787, 61.9851, 74.8409



79.4171, 73.0509, 90.3815



63.5289, 61.1652, 64.0468



14.7493, 14.5169, 16.8803



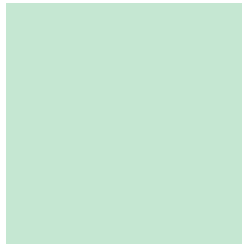
21.3035, 10.6556, 15.7589



1.6192, 0.8054, 1.4014

Previews

White Background



This preview shows how the XYZ color 63.2347, 73.6753, 71.8607 looks on a white background.

Color Contrast Check

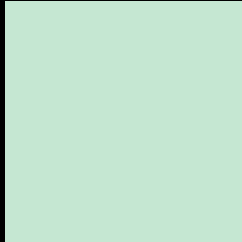
Large Text (above 18pt) WCAG AA × Fail

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 63.2347, 73.6753, 71.8607 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 63.2347, 73.6753, 71.8607

Background



This preview shows how black text looks on a background with the XYZ color 63.2347, 73.6753, 71.8607.



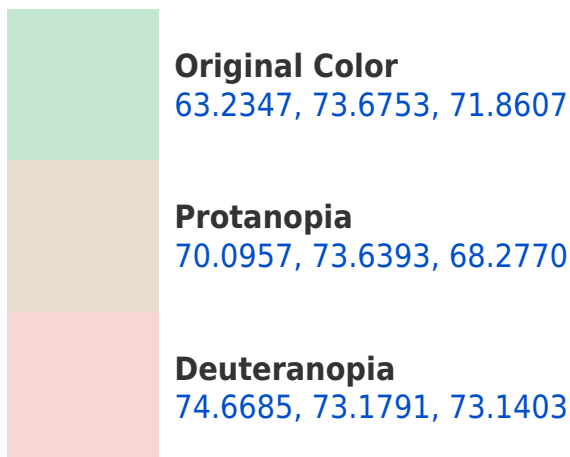
This preview shows how white text looks on a background with the XYZ color 63.2347, 73.6753,

71.8607.

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

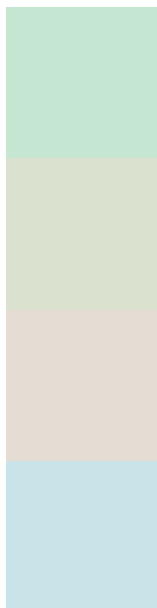




Tritanopia

68.1541, 73.6209, 96.2061

Trichromacy



Original Color

63.2347, 73.6753, 71.8607

Protanomaly

67.4011, 73.4155, 69.6497

Deuteranomaly

70.0532, 73.1244, 72.7096

Tritanomaly

66.3963, 73.7305, 87.0759

Monochromacy



Original Color

63.2347, 73.6753, 71.8607

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

65.2318, 71.3833, 74.6302

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2347, 73.6753, 71.8607 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(197, 231, 210)` looks like.

```
.text, #text, p{  
    color:rgb(197, 231, 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(197, 231, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 231, 210) }
```

Border

The CSS property to change the border of an element to XYZ 63.2347, 73.6753, 71.8607 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(197, 231, 210) }
```


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

```
.border{ border-color:rgb(197, 231, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 231, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 231, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 231, 210);  
box-shadow:4px 4px 4px 4px rgb(197, 231,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2347, 73.6753, 71.8607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 231, 210) }
```

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

```
.background{ background-color: rgb(197,  
231, 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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