

Converting Colors

XYZ(64.0380, 71.6590, 66.9567)

Have a look what the booklet for
XYZ(64.0380, 71.6590, 66.9567)
contains.

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Color

**XYZ(63.9992, 71.7175,
66.9697)**

Conversions

Conversions Part 1

Format	Color
Hex	D1E1CB
RGB	209, 225, 203
RGB Percent	82%, 88%, 80%
CMY	0.1804, 0.1176, 0.2039
CMYK	0.07, 0.00, 0.10, 0.12
HSL	104°, 27%, 84%
HSV	104°, 10%, 88%
XYZ	63.9992, 71.7175, 66.9697
YIQ	217.7080, -2.4740, -10.2340

Conversions

Conversions Part 2

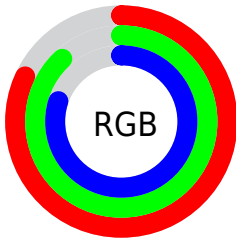
Format	Color
RYB	203, 225, 219
Decimal	13754827
CIELab	87.83, -9.31, 8.94
CIELCh	88, 12.904, 136.178
Yxy	71.7175, 0.3158, 0.3538
Android (android.graphics.Color)	4291944907 (0xFFD1E1CB)
YUV	217.7080, -7.2510, -7.6369
Hunter-Lab	84.6862, -13.3045, 12.3939

Details

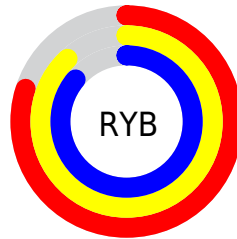
The XYZ color **63.9992, 71.7175, 66.9697** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.1628, 63.2102, 80.0569**, and the grayscale version is **66.4907, 69.9534, 76.1792**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.3171, 37.8879, 33.9909** is the 20% darker color. If you saturate the color by 10%, you get **57.1156, 68.4586, 53.6518**, and if you desaturate by 10%, it is **71.7517, 75.3835, 82.3627**.

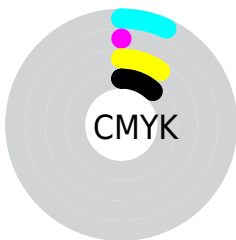
Distribution



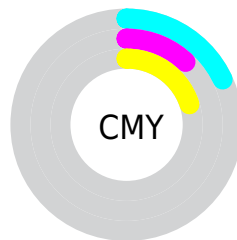
- Red (82%)
- Green (88%)
- Blue (80%)



- Red (80%)
- Yellow (88%)
- Blue (86%)



- Cyan (7%)
- Magenta (0%)
- Yellow (10%)
- Black (12%)



- Cyan (18%)
- Magenta (12%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.9992, 71.7175, 66.9697 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 63.9992, 71.7175, 66.9697 by changing the saturation by 10% instead.

■ 63.9992, 71.7175,
66.9697

■ 63.9992, 71.7175,
66.9697

428.7890,
466.5577, 468.3355

■ 46.9117, 52.9279,
48.5986

109.6835,
121.6548, 116.5172

■ 33.1735, 37.7452,
33.9378

139.0111,
153.5713, 148.5307

■ 22.4193, 25.7850,
22.5688

173.1493,
190.6323, 185.9287

■ 14.2836, 16.6629,
14.0732

212.4637,
233.2221, 229.1298

■ 8.4012, 9.9944,
8.0322

257.3195,
281.7252, 278.5524

■ 4.4067, 5.3953,
4.0275

308.0821,

■ 1.9347, 2.4810,

336.5259, 334.6152

1.6405

365.1168,
398.0086, 397.7367

■ 0.5969, 0.8671,
0.3194

■ 0.0000, 0.0000,
0.0000

■ 63.9992, 71.7175,
66.9697

■ 63.9992, 71.7175,
66.9697

■ 57.1156, 68.4586,
53.6518

■ 71.7517, 75.3835,
82.3627

■ 51.0639, 65.5835,
42.3156

■ 80.3964, 79.4606,
99.9093

■ 45.8133, 63.0804,
32.8679

■ 86.2166, 82.3332,
105.9555

■ 41.3285, 60.9334,
25.2058

■ 37.5717, 59.1253,
19.2167

■ 34.5014, 57.6376,
14.7754

■ 32.0716, 56.4497,
11.7387

■ 30.2295, 55.5380,
9.9371

■ 28.8979, 54.8691,
9.0820

Harmonies

Analogous

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



66.5357, 71.7175, 62.9675



63.9992, 71.7175, 66.9697



62.5987, 71.7175, 74.1230

Triad

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



63.9992, 71.7175, 66.9697



66.7664, 71.7175, 95.6597



73.9862, 71.7175, 73.4772

Complementary

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



63.9992, 71.7175, 66.9697



64.1628, 63.2102, 80.0569

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.



74.0525, 71.7175, 82.1923



63.9992, 71.7175, 66.9697



69.8213, 71.7175, 95.4542

Square

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



63.9992, 71.7175, 66.9697



64.1637, 71.7175, 90.9159



72.5085, 71.7175, 90.3738



72.3300, 71.7175, 66.5276

Rectangle

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



63.9992, 71.7175, 66.9697



62.4699, 71.7175, 79.9195



72.5085, 71.7175, 90.3738



74.1969, 71.7175, 76.2851

Sweetspot

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



64.0012, 71.7206, 66.9713



91.8251, 98.4770, 102.4474



67.1044, 70.8638, 66.6423



19.4738, 20.9928, 21.5682



0.0000, 0.0000, 0.0000



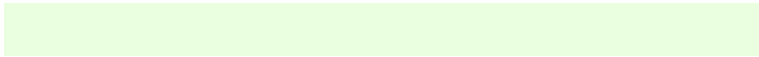
20.3446, 21.4041, 23.3091

Same Dimension

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



64.0012, 71.7206, 66.9713



82.7895, 94.2040, 84.6255



62.9125, 71.0927, 69.9321



13.8777, 15.5171, 14.5705



16.7333, 31.6588, 5.2288



1.2445, 2.2381, 0.3664

Inverse Universe

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



64.1628, 63.2102, 80.0569



83.0500, 80.4583, 105.7605



65.3591, 63.9010, 76.7647



13.9115, 13.7379, 17.3062



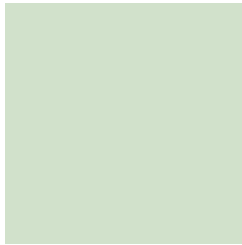
16.7298, 7.7199, 41.6567



1.2441, 0.5787, 2.8914

Previews

White Background



This preview shows how the XYZ color 63.9992, 71.7175, 66.9697 looks on a white background.

Color Contrast Check

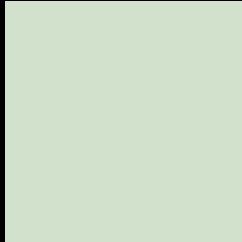
Large Text (above 18pt) WCAG AA × Fail

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 63.9992, 71.7175, 66.9697 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

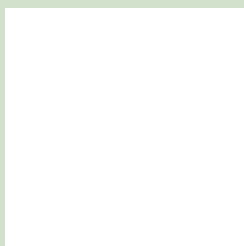
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.9992, 71.7175, 66.9697

Background



This preview shows how black text looks on a background with the XYZ color 63.9992, 71.7175, 66.9697.



This preview shows how white text looks on a background with the XYZ color 63.9992, 71.7175,

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

63.9992, 71.7175, 66.9697

Protanopia

68.0699, 71.4912, 64.8551

Deuteranopia

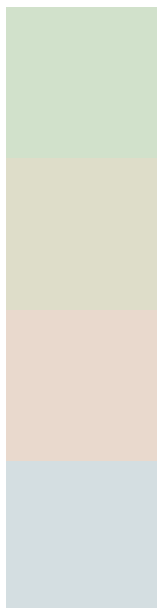
73.0418, 71.3174, 68.3084



Tritanopia

68.6108, 71.5970, 90.3242

Trichromacy



Original Color

63.9992, 71.7175, 66.9697

Protanomaly

66.5233, 71.4595, 65.5453

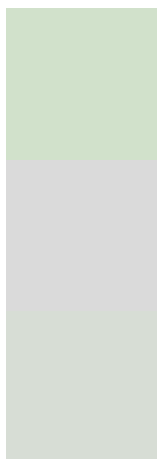
Deuteranomaly

69.4366, 71.3571, 67.8712

Tritanomaly

66.8633, 71.6758, 81.5449

Monochromacy



Original Color

63.9992, 71.7175, 66.9697

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

65.8910, 70.9641, 73.1754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.9992, 71.7175, 66.9697 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(209, 225, 203) looks like.

```
.text, #text, p{  
    color:rgb(209, 225, 203)  
}
```

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(209, 225, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 225, 203) }
```

Border

The CSS property to change the border of an element to XYZ 63.9992, 71.7175, 66.9697 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(209, 225, 203) }
```


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

```
.border{ border-color:rgb(209, 225, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 225, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 225, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 225, 203); box-shadow:4px 4px 4px 4px rgb(209, 225, 203) }
```

Background

The CSS property to change the background color of an element to XYZ 63.9992, 71.7175, 66.9697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 225, 203) }
```

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

```
.background{ background-color: rgb(209,  
225, 203) }
```

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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