

Converting Colors

XYZ(67.0563, 73.4798, 84.9963)

Have a look what the booklet for
XYZ(67.0563, 73.4798, 84.9963)
contains.

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Color

**XYZ(66.7928, 73.1717,
84.7319)**

Conversions

Conversions Part 1

Format	Color
Hex	CEE2E5
RGB	206, 226, 229
RGB Percent	81%, 89%, 90%
CMY	0.1921, 0.1137, 0.1020
CMYK	0.10, 0.01, 0.00, 0.10
HSL	188°, 31%, 85%
HSV	188°, 10%, 90%
XYZ	66.7928, 73.1717, 84.7319
YIQ	220.3620, -12.8830, -3.3070

Conversions

Conversions Part 2

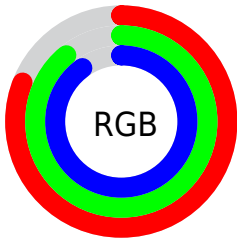
Format	Color
R _Y B	206, 217, 229
Decimal	13558501
CIE Lab	88.53, -6.03, -3.74
CIE LCh	89, 7.094, 211.796
Yxy	73.1717, 0.2973, 0.3256
Android (android.graphics.Color)	4291748581 (0xFFCEE2E5)
YUV	220.3620, 4.2585, -12.5955
Hunter-Lab	85.5405, -10.3171, 1.1488

Details

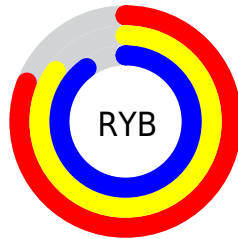
The XYZ color **66.7928, 73.1717, 84.7319** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.2544, 66.7147, 67.7789**, and the grayscale version is **68.2597, 71.8145, 78.2060**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.1518, 38.8572, 45.6919** is the 20% darker color. If you saturate the color by 10%, you get **60.0891, 68.5239, 84.1892**, and if you desaturate by 10%, it is **74.4410, 78.3314, 85.3259**.

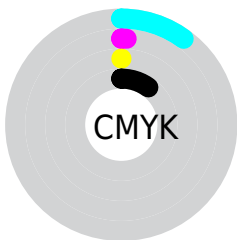
Distribution



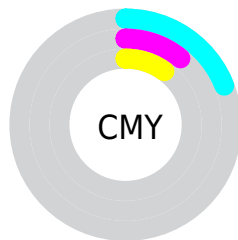
- Red (81%)
- Green (89%)
- Blue (90%)



- Red (81%)
- Yellow (85%)
- Blue (90%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (10%)



- Cyan (19%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.7928, 73.1717, 84.7319 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 66.7928, 73.1717, 84.7319 by changing the saturation by 10% instead.

■ 66.7928, 73.1717,
84.7319

■ 66.7928, 73.1717,
84.7319

438.6510,
471.6097, 530.8620

■ 49.1863, 54.1164,
63.0710

113.6749,
123.7209, 141.8694

■ 34.9825, 38.6947,
45.4573

143.6813,
155.9836, 178.1830

■ 23.8158, 26.5223,
31.4722

178.5516,
193.4176, 220.2180

■ 15.3210, 17.2148,
20.6972

218.6513,
236.4071, 268.3929

■ 9.1328, 10.3878,
12.7138

264.3458,
285.3367, 323.1262

■ 4.8857, 5.6568,
7.1033

316.0003,

■ 2.2144, 2.6375,

340.5908, 384.8364

3.4474

373.9802,
402.5536, 453.9422

■ 0.7503, 0.9456,
1.3274

■ 0.0000, 0.0000,
0.0841

■ 66.7928, 73.1717,
84.7319

■ 66.7928, 73.1717,
84.7319

■ 60.0891, 68.5239,
84.1892

■ 74.4410, 78.3314,
85.3259

■ 54.2838, 64.3580,
83.6911

■ 83.0651, 84.0132,
85.9680

■ 49.3360, 60.6550,
83.2371

■ 85.0787, 86.3084,
86.3049

■ 45.1994, 57.3908,
82.8251

■ 85.9398, 88.0308,
86.5920

■ 41.8231, 54.5390,
82.4526

■ 86.8154, 89.7819,
86.8838

■ 39.1504, 52.0705,
82.1170

■ 87.7055, 91.5620,
87.1805

■ 37.1166, 49.9516,
81.8152

■ 88.6100, 93.3711,
87.4820

■ 35.6446, 48.1425,
81.5436

■ 89.5292, 95.2095,
87.7884

■ 34.6049, 46.5808,
81.2970

■ 90.4630, 97.0771,
88.0997

Harmonies

Analogous

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



66.3157, 73.1717, 79.9668



66.7928, 73.1717, 84.7319



68.0066, 73.1717, 88.2531

Triad

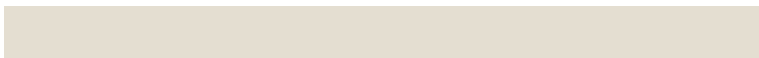
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.7928, 73.1717, 84.7319



72.4827, 73.1717, 84.2009



69.4446, 73.1717, 70.6336

Complementary

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



66.7928, 73.1717, 84.7319



66.2544, 66.7147, 67.7789

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.



71.1115, 73.1717, 71.6651



66.7928, 73.1717, 84.7319



72.8827, 73.1717, 79.3770

Square

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



66.7928, 73.1717, 84.7319



71.2927, 73.1717, 87.9378



72.3769, 73.1717, 74.8168



67.8310, 73.1717, 71.9403

Rectangle

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



66.7928, 73.1717, 84.7319



69.0798, 73.1717, 89.3503



72.3769, 73.1717, 74.8168



70.0173, 73.1717, 70.7182

Sweetspot

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



66.7949, 73.1748, 84.7335



91.9742, 97.9436, 108.6652



64.9435, 73.7494, 70.9296



19.5144, 20.8485, 23.2456



0.0000, 0.0000, 0.0000



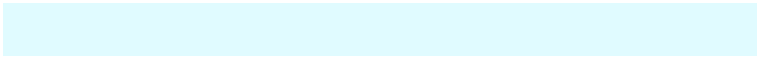
20.3446, 21.4041, 23.3091

Same Dimension

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



66.7949, 73.1748, 84.7335



83.4160, 92.1340, 107.9949



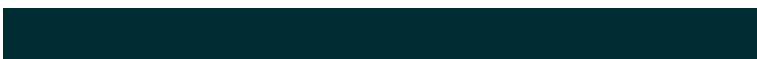
63.8514, 67.2877, 83.7524



14.6389, 15.9991, 18.4609



19.8483, 26.7587, 46.5020



1.5115, 2.0670, 3.4513

Inverse Universe

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



68.1135, 66.2930, 81.1610



85.4180, 81.7525, 102.5556



69.0962, 72.3981, 68.7262



14.9101, 14.5812, 17.7268



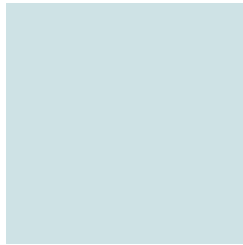
24.4120, 11.8990, 32.1283



1.8266, 0.8883, 2.4933

Previews

White Background



This preview shows how the XYZ color 66.7928, 73.1717, 84.7319 looks on a white background.

Color Contrast Check

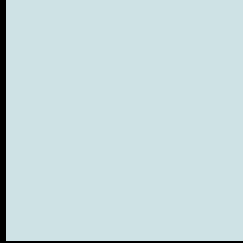
Large Text (above 18pt) WCAG AA × Fail

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 66.7928, 73.1717, 84.7319 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

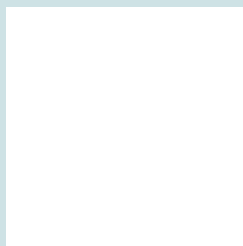
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.7928, 73.1717, 84.7319

Background



This preview shows how black text looks on a background with the XYZ color 66.7928, 73.1717, 84.7319.

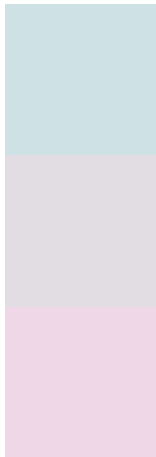


This preview shows how white text looks on a background with the XYZ color 66.7928, 73.1717, 84.7319.

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

66.7928, 73.1717, 84.7319

Protanopia

70.6353, 73.2114, 82.3598

Deuteranopia

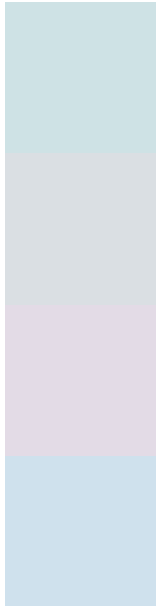
74.3208, 72.7211, 85.7208



Tritanopia

68.6951, 73.1320, 94.4997

Trichromacy



Original Color

66.7928, 73.1717, 84.7319

Protanomaly

69.1662, 73.2268, 83.1618

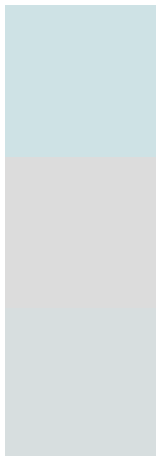
Deuteranomaly

71.2930, 72.7071, 85.1392

Tritanomaly

67.9434, 73.2303, 90.6746

Monochromacy



Original Color

66.7928, 73.1717, 84.7319

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.4649, 72.0173, 80.1570

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7928, 73.1717, 84.7319 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(206, 226, 229) looks like.

```
.text, #text, p{  
    color:rgb(206, 226, 229)  
}
```

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(206, 226, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 226, 229) }
```

Border

The CSS property to change the border of an element to XYZ 66.7928, 73.1717, 84.7319 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(206, 226, 229) }
```


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

```
.border{ border-color:rgb(206, 226, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 226, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 226, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 226, 229);  
box-shadow:4px 4px 4px 4px rgb(206, 226,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7928, 73.1717, 84.7319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 226, 229) }
```

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

```
.background{ background-color: rgb(206,  
226, 229) }
```

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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