

Converting Colors

XYZ(67.1781, 73.5721, 81.5299)

Have a look what the booklet for
XYZ(67.1781, 73.5721, 81.5299)
contains.

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Color

**XYZ(66.9454, 73.3298,
81.1467)**

Conversions

Conversions Part 1

Format	Color
Hex	D1E2E0
RGB	209, 226, 224
RGB Percent	82%, 89%, 88%
CMY	0.1804, 0.1137, 0.1216
CMYK	0.08, 0.00, 0.01, 0.11
HSL	173°, 23%, 85%
HSV	173°, 8%, 89%
XYZ	66.9454, 73.3298, 81.1467
YIQ	220.6890, -9.4900, -4.2260

Conversions

Conversions Part 2

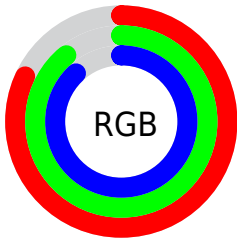
Format	Color
R _Y B	209, 218, 226
Decimal	13755104
CIE Lab	88.60, -6.02, -0.98
CIE LCh	89, 6.094, 189.215
Yxy	73.3298, 0.3023, 0.3312
Android (android.graphics.Color)	4291945184 (0xFFD1E2E0)
YUV	220.6890, 1.6323, -10.2513
Hunter-Lab	85.6328, -10.3110, 3.7591

Details

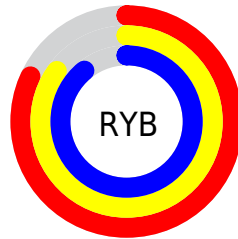
The XYZ color **66.9454, 73.3298, 81.1467** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.9250, 66.4748, 70.9877**, and the grayscale version is **68.5046, 72.0722, 78.4866**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.2419, 38.9590, 43.1985** is the 20% darker color. If you saturate the color by 10%, you get **60.6414, 70.1234, 78.9825**, and if you desaturate by 10%, it is **74.1663, 77.0123, 83.3863**.

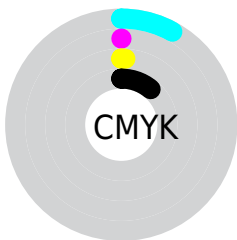
Distribution



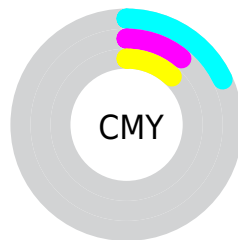
- Red (82%)
- Green (89%)
- Blue (88%)



- Red (82%)
- Yellow (85%)
- Blue (89%)



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (11%)



- Cyan (18%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.9454, 73.3298, 81.1467 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 66.9454, 73.3298, 81.1467 by changing the saturation by 10% instead.

■ 66.9454, 73.3298,
81.1467

■ 66.9454, 73.3298,
81.1467

439.1859,
472.1570, 518.5973

■ 49.3108, 54.2457,
60.1307

113.8924,
123.9453, 136.8027

■ 35.0816, 38.7981,
43.0980

143.9355,
156.2455, 172.2797

■ 23.8926, 26.6027,
29.6301

178.8455,
193.7197, 213.4142

■ 15.3783, 17.2751,
19.3083

218.9877,
236.7526, 260.6247

■ 9.1733, 10.4308,
11.7142

264.7275,
285.7283, 314.3297

■ 4.9124, 5.6855,
6.4292

316.4302,

■ 2.2302, 2.6548,

341.0314, 374.9478

3.0348

374.4612,
403.0462, 442.8974

■ 0.7586, 0.9543,
1.1124

■ 0.0000, 0.0000,
0.0000

■ 66.9454, 73.3298,
81.1467

■ 66.9454, 73.3298,
81.1467

■ 60.6414, 70.1234,
78.9825

■ 74.1663, 77.0123,
83.3863

■ 55.2100, 67.3642,
76.8871


■ 82.3336, 81.1800,
85.6984


■ 50.6127, 65.0343,
74.8599


■ 83.0018, 81.4810,
87.6893

■ 46.8054, 63.1110,
72.8989


■ 83.3830, 81.6335,
89.6967


 43.7402, 61.5697,
71.0015

 83.7700, 81.7883,
91.7345


 41.3639, 60.3828,
69.1653


 84.1627, 81.9454,
93.8026

 39.6160, 59.5193,
67.3872

 84.5613, 82.1048,
95.9014

 38.4257, 58.9425,
65.6638

 84.9657, 82.2666,
98.0309

 37.6973, 58.6034,
63.9904

 85.3759, 82.4307,
100.1912

Harmonies

Analogous

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



67.0890, 73.3298, 77.0060



66.9454, 73.3298, 81.1467



67.5312, 73.3298, 85.0705

Triad

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



66.9454, 73.3298, 81.1467



71.4997, 73.3298, 86.2797



70.7054, 73.3298, 72.5138

Complementary

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



66.9454, 73.3298, 81.1467



65.9250, 66.4748, 70.9877

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.



71.9102, 73.3298, 74.8355



66.9454, 73.3298, 81.1467



72.3733, 73.3298, 82.7502

Square

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



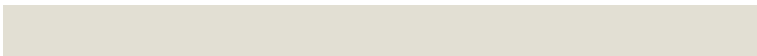
66.9454, 73.3298, 81.1467



70.1513, 73.3298, 88.1018



72.5246, 73.3298, 78.5547



69.2462, 73.3298, 72.1185

Rectangle

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



66.9454, 73.3298, 81.1467



68.2614, 73.3298, 87.0002



72.5246, 73.3298, 78.5547



71.1542, 73.3298, 73.0908

Sweetspot

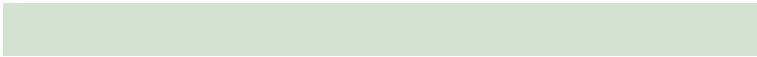
The Sweet Spot groups the original color and five complimentary colors.



66.9475, 73.3329, 81.1483



93.1019, 99.0069, 108.3046



65.6476, 72.8876, 70.9315



19.9480, 21.2019, 23.1879



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.



66.9475, 73.3329, 81.1483



86.6726, 95.7312, 106.2514



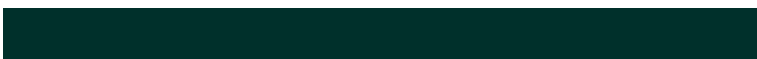
65.5562, 70.1128, 82.0330



14.0434, 15.5431, 17.2637



21.4504, 33.4050, 36.4242



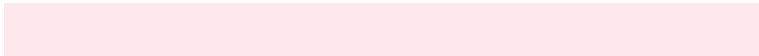
1.5068, 2.3234, 2.6298

Inverse Universe

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



65.9250, 66.4748, 70.9877



85.0706, 84.9853, 90.3312



67.2351, 69.4944, 70.1929



13.7726, 13.7267, 14.5727



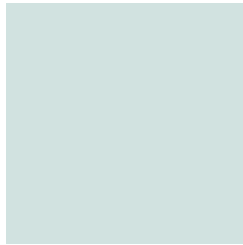
18.0261, 9.2774, 1.5371



1.2715, 0.6519, 0.2227

Previews

White Background



This preview shows how the XYZ color 66.9454, 73.3298, 81.1467 looks on a white background.

Color Contrast Check

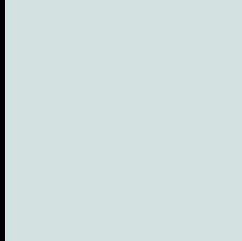
Large Text (above 18pt) WCAG AA × Fail

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 66.9454, 73.3298, 81.1467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

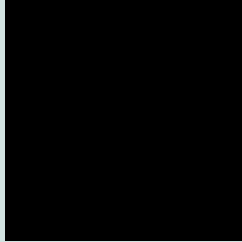
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

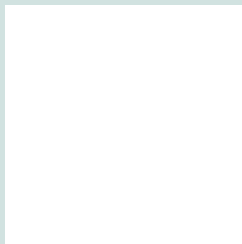
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.9454, 73.3298, 81.1467

Background



This preview shows how black text looks on a background with the XYZ color 66.9454, 73.3298, 81.1467.

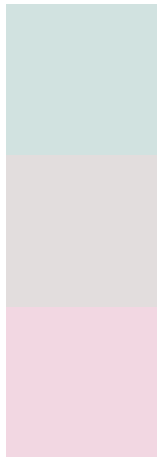


This preview shows how white text looks on a background with the XYZ color 66.9454, 73.3298,

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

66.9454, 73.3298, 81.1467

Protanopia

70.2716, 73.1021, 78.8130

Deuteranopia

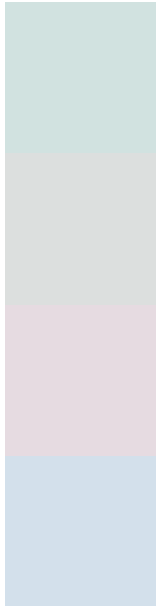
74.6459, 72.9691, 82.1017



Tritanopia

69.4162, 73.1233, 93.6747

Trichromacy



Original Color

66.9454, 73.3298, 81.1467

Protanomaly

69.0877, 73.2649, 79.6075

Deuteranomaly

71.5553, 72.9223, 81.5382

Tritanomaly

68.5150, 73.1584, 89.1071

Monochromacy



Original Color

66.9454, 73.3298, 81.1467

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.1878, 72.8010, 79.5654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.9454, 73.3298, 81.1467 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, 226, 224) looks like.

```
.text, #text, p{  
    color:rgb(209, 226, 224)  
}
```

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, 226, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 226, 224) }
```

Border

The CSS property to change the border of an element to XYZ 66.9454, 73.3298, 81.1467 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, 226, 224) }
```


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

```
.border{ border-color:rgb(209, 226, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 226, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 226, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 226, 224);  
box-shadow:4px 4px 4px 4px rgb(209, 226,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 66.9454, 73.3298, 81.1467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 226, 224) }
```

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

```
.background{ background-color: rgb(209,  
226, 224) }
```

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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