

Converting Colors

XYZ(66.4122, 74.1954, 81.3956)

Have a look what the booklet for
XYZ(66.4122, 74.1954, 81.3956)
contains.

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Color

**XYZ(66.3757, 74.2578,
81.3558)**

Conversions

Conversions Part 1

Format	Color
Hex	CCE5E0
RGB	204, 229, 224
RGB Percent	80%, 90%, 88%
CMY	0.2000, 0.1019, 0.1216
CMYK	0.11, 0.00, 0.02, 0.10
HSL	168°, 32%, 85%
HSV	168°, 11%, 90%
XYZ	66.3757, 74.2578, 81.3558
YIQ	220.9550, -13.2950, -6.8550

Conversions

Conversions Part 2

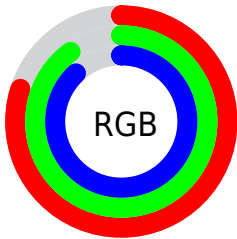
Format	Color
R_{YB}	204, 218, 229
Decimal	13428192
CIE _{Lab}	89.04, -9.17, -0.37
CIE _{LCh}	89, 9.182, 182.333
Yxy	74.2578, 0.2990, 0.3345
Android (android.graphics.Color)	4291618272 (0xFFCCE5E0)
YUV	220.9550, 1.5012, -14.8695
Hunter-Lab	86.1730, -13.3110, 4.3455

Details

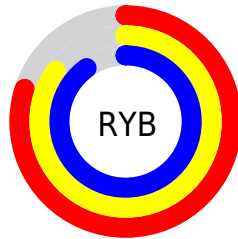
The XYZ color **66.3757, 74.2578, 81.3558** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.4173, 64.4492, 69.3171**, and the grayscale version is **68.6939, 72.2713, 78.7035**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.8752, 39.6207, 43.3456** is the 20% darker color. If you saturate the color by 10%, you get **59.9420, 71.0140, 77.8552**, and if you desaturate by 10%, it is **73.7533, 77.9903, 84.9912**.

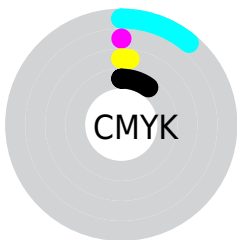
Distribution



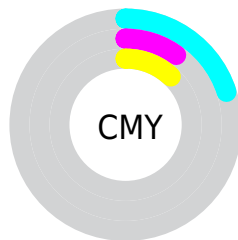
- Red (80%)
- Green (90%)
- Blue (88%)



- Red (80%)
- Yellow (85%)
- Blue (90%)



- Cyan (11%)
- Magenta (0%)
- Yellow (2%)
- Black (10%)



- Cyan (20%)
- Magenta (10%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.3757, 74.2578, 81.3558 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 66.3757, 74.2578, 81.3558 by changing the saturation by 10% instead.

66.3757, 74.2578,
81.3558

66.3757, 74.2578,
81.3558

437.1868,
475.3626, 519.3171

48.8463, 55.0051,
60.3020

113.0801,
125.2612, 137.0988

34.7116, 39.4058,
43.2352

142.9859,
157.7806, 172.6251

23.6063, 27.0755,
29.7369

177.7477,
195.4911, 213.8125

15.1650, 17.6300,
19.3886

217.7311,
238.7770, 261.0798

9.0223, 10.6847,
11.7718

263.3014,
288.0227, 314.8453

4.8130, 5.8552,
6.4678

314.8238,

2.1716, 2.7572,

343.6126, 375.5277

3.0582

372.6639,
405.9311, 443.5454

■ 0.7277, 1.0063,
1.1244

■ 0.0000, 0.0000,
0.0000

■ 66.3757, 74.2578,
81.3558

■ 66.3757, 74.2578,
81.3558

■ 59.9420, 71.0140,
77.8552

■ 73.7533, 77.9903,
84.9912

■ 54.4055, 68.2288,
74.4817


■ 82.1063, 82.2217,
88.7587


■ 49.7253, 65.8830,
71.2345


■ 84.6565, 83.4597,
92.3436


■ 45.8544, 63.9527,
68.1105


■ 85.3376, 83.7322,
95.9303


 42.7416, 62.4112,
65.1067


 86.0360, 84.0115,
99.6080


 40.3295, 61.2291,
62.2197

 86.7518, 84.2978,
103.3772

 38.5524, 60.3726,
59.4457

 87.3107, 84.5214,
106.3202

 37.3318, 59.8011,
56.7802

 36.5865, 59.4677,
54.4474

Harmonies

Analogous

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



66.8447, 74.2578, 75.2773



66.3757, 74.2578, 81.3558



67.0134, 74.2578, 87.6114

Triad

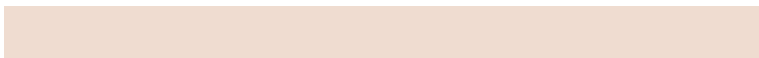
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.3757, 74.2578, 81.3558



72.9014, 74.2578, 91.6966



72.5925, 74.2578, 70.4442

Complementary

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



66.3757, 74.2578, 81.3558



65.4173, 64.4492, 69.3171

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.



74.2706, 74.2578, 74.4535



66.3757, 74.2578, 81.3558



74.4516, 74.2578, 86.6998

Square

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



66.3757, 74.2578, 81.3558



70.7548, 74.2578, 93.7746



74.9578, 74.2578, 80.3545



70.4051, 74.2578, 69.1785

Rectangle

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



66.3757, 74.2578, 81.3558



67.9883, 74.2578, 90.9846



74.9578, 74.2578, 80.3545



73.2364, 74.2578, 71.5049

Sweetspot

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



66.3778, 74.2609, 81.3574



92.0458, 98.4796, 107.4780



65.3333, 74.0176, 67.9713



19.5338, 20.9938, 22.9239



0.0000, 0.0000, 0.0000



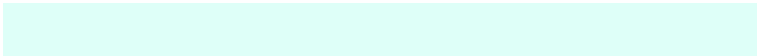
20.3446, 21.4041, 23.3091

Same Dimension

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



66.3778, 74.2609, 81.3574



82.8385, 93.8260, 102.8494



65.1462, 70.6955, 84.3444



14.6773, 16.2844, 17.8316



20.9614, 34.0166, 31.3605



1.5805, 2.5263, 2.4834

Inverse Universe

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



65.4173, 64.4492, 69.3171



81.3923, 79.0512, 84.7199



66.5297, 67.6499, 66.6792



14.4943, 14.4149, 15.5375



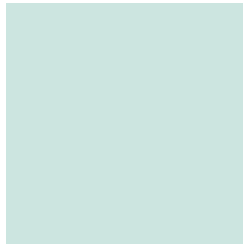
18.7892, 9.6499, 2.5190



1.4212, 0.7262, 0.3583

Previews

White Background



This preview shows how the XYZ color 66.3757, 74.2578, 81.3558 looks on a white background.

Color Contrast Check

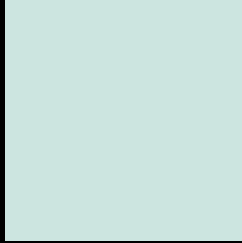
Large Text (above 18pt) WCAG AA × Fail

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 66.3757, 74.2578, 81.3558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

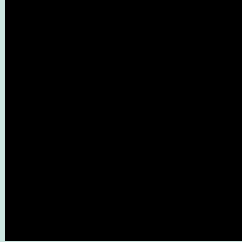
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

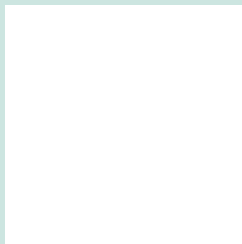
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.3757, 74.2578, 81.3558

Background



This preview shows how black text looks on a background with the XYZ color 66.3757, 74.2578, 81.3558.

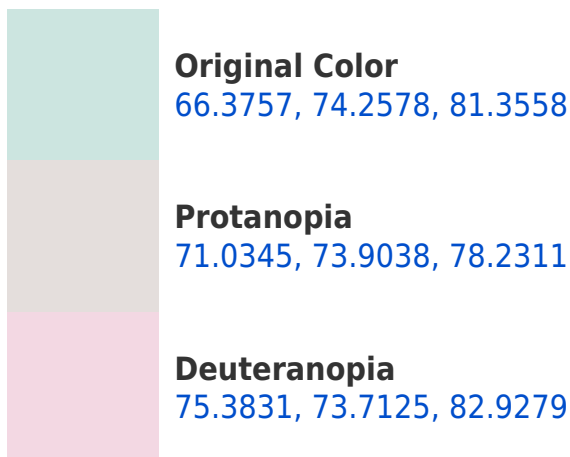


This preview shows how white text looks on a background with the XYZ color 66.3757, 74.2578,

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

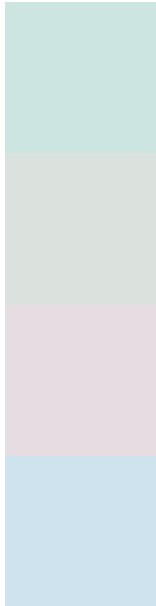




Tritanopia

69.2576, 74.1898, 96.2577

Trichromacy



Original Color

66.3757, 74.2578, 81.3558

Protanomaly

69.1898, 74.1310, 79.0686

Deuteranomaly

71.8970, 73.8619, 82.4189

Tritanomaly

68.2087, 74.1744, 90.8429

Monochromacy



Original Color

66.3757, 74.2578, 81.3558

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.8648, 73.0323, 79.6270

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3757, 74.2578, 81.3558 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(204, 229, 224) looks like.

```
.text, #text, p{  
    color:rgb(204, 229, 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(204, 229, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 229, 224) }
```

Border

The CSS property to change the border of an element to XYZ 66.3757, 74.2578, 81.3558 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(204, 229, 224) }
```


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

```
.border{ border-color:rgb(204, 229, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 229, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 229, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 229, 224);  
box-shadow:4px 4px 4px 4px rgb(204, 229,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3757, 74.2578, 81.3558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 229, 224) }
```

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

```
.background{ background-color: rgb(204,  
229, 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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