

Converting Colors

XYZ(66.5537, 74.2850, 79.9245)

Have a look what the booklet for
XYZ(66.5537, 74.2850, 79.9245)
contains.

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Color

**XYZ(66.6577, 74.4344,
79.9613)**

Conversions

Conversions Part 1

Format	Color
Hex	CEE5DE
RGB	206, 229, 222
RGB Percent	81%, 90%, 87%
CMY	0.1922, 0.1019, 0.1294
CMYK	0.10, 0.00, 0.03, 0.10
HSL	162°, 31%, 85%
HSV	162°, 10%, 90%
XYZ	66.6577, 74.4344, 79.9613
YIQ	221.3250, -11.4610, -7.0530

Conversions

Conversions Part 2

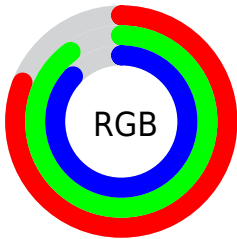
Format	Color
R_{YB}	206, 220, 229
Decimal	13559262
CIE Lab	89.13, -8.91, 0.81
CIE LCh	89, 8.943, 174.787
Yxy	74.4344, 0.3015, 0.3367
Android (android.graphics.Color)	4291749342 (0xFFCEE5DE)
YUV	221.3250, 0.3328, -13.4400
Hunter-Lab	86.2754, -13.0700, 5.4419

Details

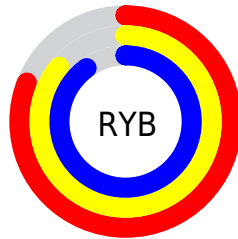
The XYZ color **66.6577, 74.4344, 79.9613** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.3973, 65.6066, 72.1180**, and the grayscale version is **68.9608, 72.5521, 79.0093**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.0600, 39.7375, 42.3815** is the 20% darker color. If you saturate the color by 10%, you get **59.8428, 71.0290, 74.8658**, and if you desaturate by 10%, it is **74.4418, 78.3391, 85.3070**.

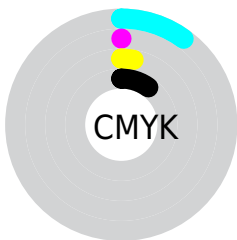
Distribution



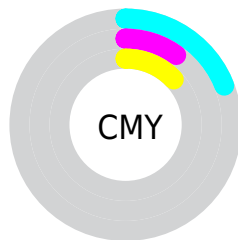
- Red (81%)
- Green (90%)
- Blue (87%)



- Red (81%)
- Yellow (86%)
- Blue (90%)



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (10%)



- Cyan (19%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.6577, 74.4344, 79.9613 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 66.6577, 74.4344, 79.9613 by changing the saturation by 10% instead.

66.6577, 74.4344,
79.9613

66.6577, 74.4344,
79.9613

438.1770,
475.9713, 514.5057

49.0762, 55.1497,
59.1605

113.4823,
125.5114, 135.1222

34.8947, 39.5216,
42.3215

143.4561,
158.0725, 170.3195

23.7479, 27.1657,
29.0257

178.2913,
195.8277, 211.1526

15.2704, 17.6977,
18.8545

218.3534,
239.1616, 258.0402

9.0970, 10.7332,
11.3894

264.0077,
288.4585, 311.4007

4.8621, 5.8877,
6.2120

315.6194,

2.2005, 2.7769,

344.1028, 371.6528

2.9035

373.5541,
406.4790, 439.2150

■ 0.7430, 1.0164,
1.0456

■ 0.0000, 0.0000,
0.0000

■ 66.6577, 74.4344,
79.9613

■ 66.6577, 74.4344,
79.9613

■ 59.8428, 71.0290,
74.8658

■ 74.4418, 78.3391,
85.3070

■ 53.9503, 68.0927,
70.0113

■ 83.2266, 82.7531,
90.9021

■ 48.9392, 65.6063,
65.3949

■ 85.4260, 83.7676,
96.3955

■ 44.7626, 63.5459,
61.0120

■ 86.4988, 84.1967,
102.0448

■ 41.3692, 61.8850,
56.8575

■ 87.3107, 84.5215,
106.3202

■ 38.7020, 60.5942,
52.9264

■ 36.6958, 59.6401,
49.2127

■ 35.2730, 58.9827,
45.7103

■ 34.3034, 58.5546,
42.4244

Harmonies

Analogous

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



67.3803, 74.4344, 74.3241



66.6577, 74.4344, 79.9613



67.0125, 74.4344, 86.1805

Triad

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



66.6577, 74.4344, 79.9613



72.5183, 74.4344, 92.4326



73.1906, 74.4344, 71.6351

Complementary

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



66.6577, 74.4344, 79.9613



66.3973, 65.6066, 72.1180

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.



74.6191, 74.4344, 76.1204



66.6577, 74.4344, 79.9613



74.2254, 74.4344, 88.1623

Square

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



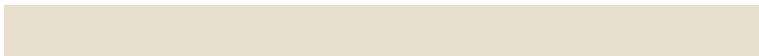
66.6577, 74.4344, 79.9613



70.3678, 74.4344, 93.5896



75.0016, 74.4344, 82.1413



71.1289, 74.4344, 69.6772

Rectangle

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



66.6577, 74.4344, 79.9613



67.8162, 74.4344, 89.7946



75.0016, 74.4344, 82.1413



73.7624, 74.4344, 72.8857

Sweetspot

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



66.6598, 74.4375, 79.9629



91.9186, 98.4287, 106.8079



66.6851, 74.6867, 69.2948



19.4994, 20.9801, 22.7427



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.



66.6598, 74.4375, 79.9629



83.2106, 94.0657, 100.7053



66.4655, 72.5153, 84.6263



14.6108, 16.2577, 17.4810



19.6680, 33.4993, 24.5497



1.4943, 2.4918, 2.0294

Inverse Universe

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



66.3973, 65.6066, 72.1180



82.8138, 80.7108, 88.8423



66.5562, 67.3165, 67.8790



14.5567, 14.4399, 15.8661



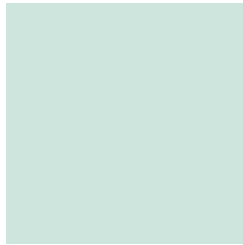
19.1490, 9.7938, 4.4138



1.4553, 0.7398, 0.5380

Previews

White Background



This preview shows how the XYZ color 66.6577, 74.4344, 79.9613 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 66.6577, 74.4344, 79.9613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

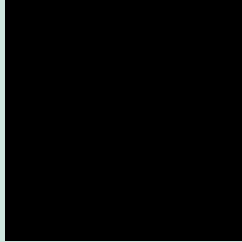
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

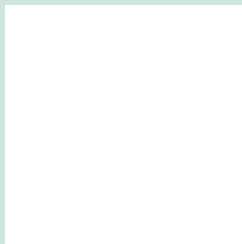
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.6577, 74.4344, 79.9613

Background



This preview shows how black text looks on a background with the XYZ color 66.6577, 74.4344, 79.9613.

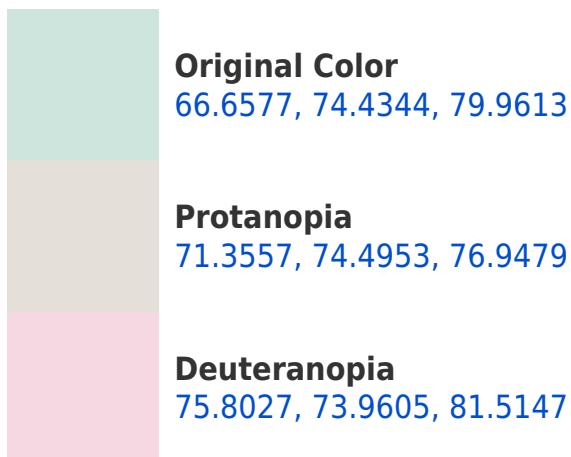


This preview shows how white text looks on a background with the XYZ color 66.6577, 74.4344,

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

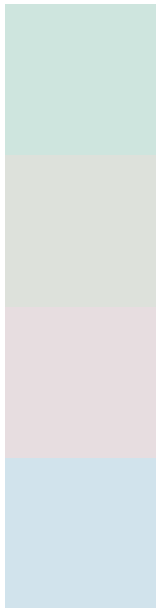




Tritanopia

70.1038, 74.6260, 96.2973

Trichromacy



Original Color

66.6577, 74.4344, 79.9613

Protanomaly

69.5302, 74.3371, 77.7017

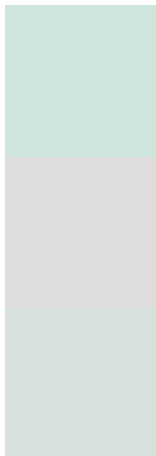
Deuteranomaly

72.2660, 74.0836, 81.0118

Tritanomaly

68.9039, 74.5496, 90.1148

Monochromacy



Original Color

66.6577, 74.4344, 79.9613

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.0257, 73.1307, 78.9369

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.6577, 74.4344, 79.9613 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, 229, 222)` looks like.

```
.text, #text, p{  
    color:rgb(206, 229, 222)  
}
```

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, 229, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 229, 222) }
```

Border

The CSS property to change the border of an element to XYZ 66.6577, 74.4344, 79.9613 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, 229, 222) }
```


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

```
.border{ border-color:rgb(206, 229, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 229, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 229, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 229, 222);  
box-shadow:4px 4px 4px 4px rgb(206, 229,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 66.6577, 74.4344, 79.9613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 229, 222) }
```

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

```
.background{ background-color: rgb(206,  
229, 222) }
```

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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