

# Converting Colors

XYZ(66.2363, 73.4570, 79.2390)

Have a look what the booklet for  
XYZ(66.2363, 73.4570, 79.2390)  
contains.

<b>XYZ(66.2524, 73.4240, 79.0870)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(66.2524, 73.4240,  
79.0870)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CFE3DD
RGB	207, 227, 221
RGB Percent	81%, 89%, 87%
CMY	0.1882, 0.1098, 0.1333
CMYK	0.09, 0.00, 0.03, 0.11
HSL	162°, 26%, 85%
HSV	162°, 9%, 89%
XYZ	66.2524, 73.4240, 79.0870
YIQ	220.3360, -9.9940, -6.1060

# Conversions

## Conversions Part 2

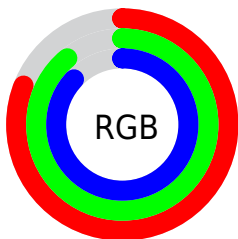
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	207, 219, 227
Decimal	13624285
CIE Lab	88.65, -7.75, 0.65
CIE LCh	89, 7.775, 175.214
Yxy	73.4240, 0.3028, 0.3356
Android (android.graphics.Color)	4291814365 (0xFFCFE3DD)
YUV	220.3360, 0.3274, -11.6957
Hunter-Lab	85.6878, -11.9404, 5.2588

# Details

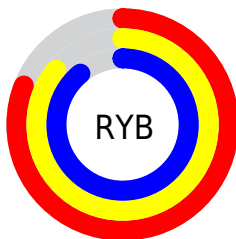
The XYZ color **66.2524, 73.4240, 79.0870** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.0043, 65.7627, 72.1690**, and the grayscale version is **68.2667, 71.8219, 78.2140**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.7723, 39.0305, 41.7773** is the 20% darker color. If you saturate the color by 10%, you get **59.4716, 70.0332, 74.1281**, and if you desaturate by 10%, it is **73.9860, 77.3058, 84.2859**.

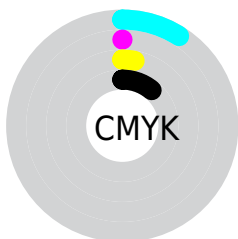
# Distribution



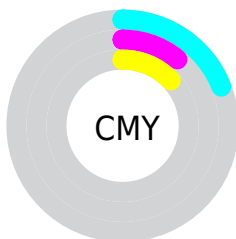
- Red (81%)
- Green (89%)
- Blue (87%)



- Red (81%)
- Yellow (86%)
- Blue (89%)



- Cyan (9%)
- Magenta (0%)
- Yellow (3%)
- Black (11%)



- Cyan (19%)
- Magenta (11%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 66.2524, 73.4240, 79.0870 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 66.2524, 73.4240, 79.0870 by changing the saturation by 10% instead.



66.2524, 73.4240,  
79.0870

66.2524, 73.4240,  
79.0870

436.7534,  
472.4830, 511.4760

48.7458, 54.3227,  
58.4456

112.9042,  
124.0789, 133.8811

34.6316, 38.8597,  
41.7499

142.7802,  
156.4014, 168.8709

23.5444, 26.6506,  
28.5814

177.5099,  
193.8997, 209.4806

15.1189, 17.3110,  
18.5215

217.4589,  
236.9583, 256.1287

8.9897, 10.4565,  
11.1518

262.9923,  
285.9615, 309.2337

4.7915, 5.7027,  
6.0536

314.4757,

2.1590, 2.6651,

341.2938, 369.2143

2.8084

372.2743,  
403.3395, 436.4888

■ 0.7210, 0.9595,  
0.9976

■ 0.0000, 0.0000,  
0.0000

■ 66.2524, 73.4240,  
79.0870

■ 66.2524, 73.4240,  
79.0870

■ 59.4716, 70.0332,  
74.1281

■ 73.9860, 77.3058,  
84.2859

■ 53.5983, 67.1039,  
69.4001

■ 82.7030, 81.6883,  
89.7238

■ 48.5926, 64.6178,  
64.9006

■ 84.6535, 82.5781,  
95.0418

■ 44.4091, 62.5514,  
60.6249

■ 85.6930, 82.9939,  
100.5160

■ 40.9983, 60.8794,  
56.5685

■ 86.7604, 83.4209,  
106.1368

■ 38.3051, 59.5732,  
52.7263

■ 36.2670, 58.6009,  
49.0930

■ 34.8100, 57.9242,  
45.6624

■ 33.8219, 57.4854,  
42.4269

# Harmonies

## Analogous

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



66.8651, 73.4240, 74.1934



66.2524, 73.4240, 79.0870



66.5729, 73.4240, 84.4306

# Triad

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



66.2524, 73.4240, 79.0870



71.3360, 73.4240, 89.6665



71.8666, 73.4240, 71.7546

# Complementary

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



66.2524, 73.4240, 79.0870



66.0043, 65.7627, 72.1690

# 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.



73.1036, 73.4240, 75.6236



66.2524, 73.4240, 79.0870



72.7934, 73.4240, 85.9890

# Square

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



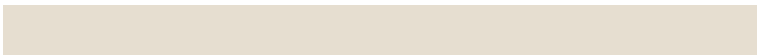
66.2524, 73.4240, 79.0870



69.4866, 73.4240, 90.6945



73.4458, 73.4240, 80.8117



70.0889, 73.4240, 70.0826



# Rectangle

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



66.2524, 73.4240, 79.0870



67.2757, 73.4240, 87.5086



73.4458, 73.4240, 80.8117



72.3606, 73.4240, 72.8327

# Sweetspot

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



66.2545, 73.4271, 79.0886



91.9238, 98.4309, 106.8357



66.2714, 73.6424, 69.7543



19.5008, 20.9806, 22.7502



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

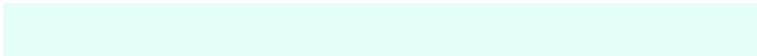


# Same Dimension

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



66.2545, 73.4271, 79.0886



84.1468, 94.5324, 101.4691



66.0765, 71.7680, 83.0466



14.6135, 16.2588, 17.4955



19.7172, 33.5190, 24.8087



1.4976, 2.4932, 2.0470



# Inverse Universe

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



66.0043, 65.7627, 72.1690



83.7441, 82.1903, 90.3271



66.1550, 67.2611, 68.5287



14.5541, 14.4388, 15.8524



19.1309, 9.7866, 4.3182

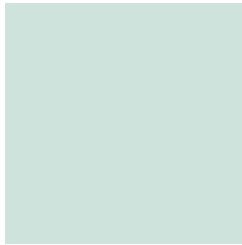


1.4537, 0.7392, 0.5295



# Previews

## White Background



This preview shows how the XYZ color 66.2524, 73.4240, 79.0870 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

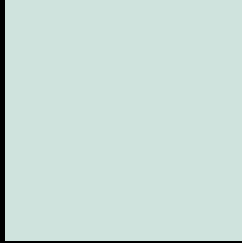
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 66.2524, 73.4240, 79.0870 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

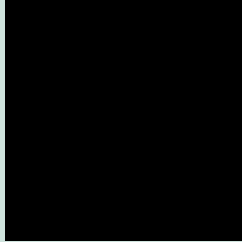
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

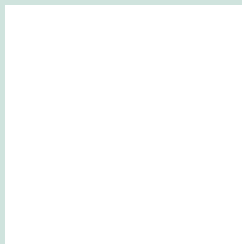
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 66.2524, 73.4240, 79.0870**

## **Background**



This preview shows how black text looks on a background with the XYZ color 66.2524, 73.4240, 79.0870.



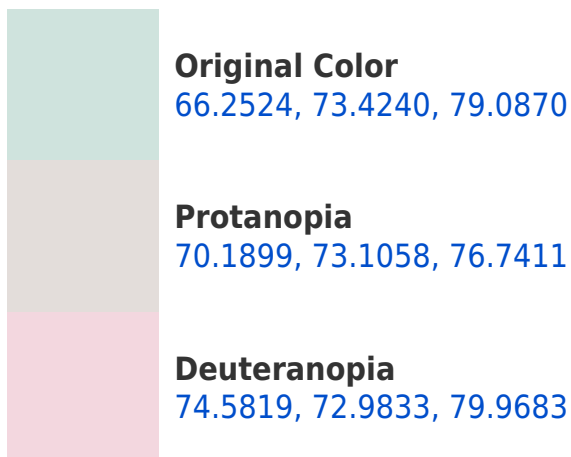
This preview shows how white text looks on a background with the XYZ color 66.2524, 73.4240,



# 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

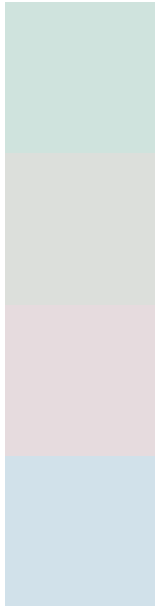




## **Tritanopia**

69.2610, 73.4238, 94.5262

# Trichromacy



## Original Color

66.2524, 73.4240, 79.0870

## Protanomaly

68.6891, 73.1055, 77.5083

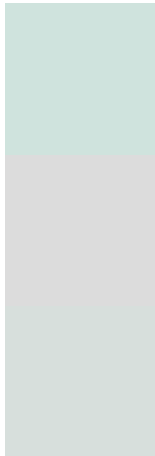
## Deuteranomaly

71.1495, 72.7600, 79.4013

## Tritanomaly

68.0710, 73.3463, 88.4114

# Monochromacy



## Original Color

66.2524, 73.4240, 79.0870

## Achromatopsia

68.0267, 71.5694, 77.9390

## Achromatomaly

67.3303, 72.3897, 78.1341

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 66.2524, 73.4240, 79.0870 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(207, 227, 221)` looks like.

```
.text, #text, p{  
    color:rgb(207, 227, 221)  
}
```

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(207, 227, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 227, 221) }
```

## Border

The CSS property to change the border of an element to XYZ 66.2524, 73.4240, 79.0870 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(207, 227, 221) }
```



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

```
.border{ border-color:rgb(207, 227, 221) }
```

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

Here you see how a box with a 4 pixel rgb(207, 227, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 227, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 227, 221);  
box-shadow:4px 4px 4px 4px rgb(207, 227,  
221) }
```

# Background

The CSS property to change the background color of an element to XYZ 66.2524, 73.4240, 79.0870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 227, 221) }
```

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

```
.background{ background-color: rgb(207,  
227, 221) }
```

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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