

# Converting Colors

XYZ(62.5245, 70.5053, 76.4156)

Have a look what the booklet for  
XYZ(62.5245, 70.5053, 76.4156)  
contains.

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# Color

**XYZ(62.3365, 70.2436,  
76.6025)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5E0DA
RGB	197, 224, 218
RGB Percent	77%, 88%, 85%
CMY	0.2274, 0.1215, 0.1451
CMYK	0.12, 0.00, 0.03, 0.12
HSL	167°, 30%, 83%
HSV	167°, 12%, 88%
XYZ	62.3365, 70.2436, 76.6025
YIQ	215.2430, -14.1660, -7.5900

# Conversions

## Conversions Part 2

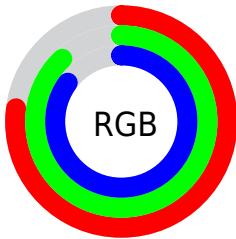
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	197, 212, 224
Decimal	12968154
CIE Lab	87.12, -10.05, -0.09
CIE LCh	87, 10.052, 180.526
Yxy	70.2436, 0.2980, 0.3358
Android (android.graphics.Color)	4291158234 (0xFFC5E0DA)
YUV	215.2430, 1.3592, -15.9991
Hunter-Lab	83.8115, -13.9070, 4.4778

# Details

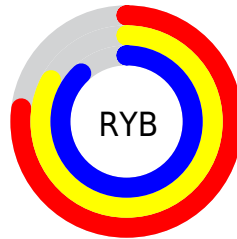
The XYZ color **62.3365, 70.2436, 76.6025** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.4888, 60.0935, 64.8616**, and the grayscale version is **64.7555, 68.1279, 74.1912**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **32.1265, 36.8599, 40.0718** is the 20% darker color. If you saturate the color by 10%, you get **56.2598, 67.1870, 72.9682**, and if you desaturate by 10%, it is **69.3084, 73.7632, 80.3838**.

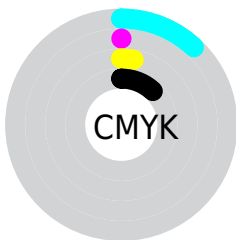
# Distribution



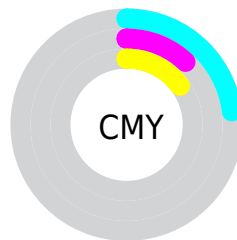
- Red (77%)
- Green (88%)
- Blue (85%)



- Red (77%)
- Yellow (83%)
- Blue (88%)



- Cyan (12%)
- Magenta (0%)
- Yellow (3%)
- Black (12%)



- Cyan (23%)
- Magenta (12%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3365, 70.2436, 76.6025 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 62.3365, 70.2436, 76.6025 by changing the saturation by 10% instead.



■ 62.3365, 70.2436,  
76.6025

■ 62.3365, 70.2436,  
76.6025

422.8555,  
461.4049, 502.8093

■ 45.5613, 51.7252,  
56.4171

107.2989,  
119.5561, 130.3461

■ 32.1029, 36.7860,  
40.1312

136.2168,  
151.1189, 164.7414

■ 21.5960, 25.0419,  
27.3263

169.9130,  
187.7986, 204.7103

■ 13.6753, 16.1083,  
17.5838

208.7528,  
229.9797, 250.6715

■ 7.9754, 9.6008,  
10.4853

253.1016,  
278.0464, 303.0434

■ 4.1309, 5.1351,  
5.6121

303.3248,

■ 1.7764, 2.3267,

332.3833, 362.2447

2.5457

359.7876,  
393.3746, 428.6938

■ 0.5034, 0.7878,  
0.8642

■ 0.0000, 0.0000,  
0.0000

■ 62.3365, 70.2436,  
76.6025

■ 62.3365, 70.2436,  
76.6025

■ 56.2598, 67.1870,  
72.9682

■ 69.3084, 73.7632,  
80.3838

■ 51.0337, 64.5648,  
69.4736


■ 77.2056, 77.7556,  
84.3101


■ 46.6191, 62.3587,  
66.1175


■ 82.5967, 80.4538,  
88.2231


■ 42.9710, 60.5455,  
62.8967


■ 83.3181, 80.7424,  
92.0224

 40.0401, 59.1000,  
59.8082


 84.0599, 81.0391,  
95.9283


 37.7715, 57.9936,  
56.8483


 84.8220, 81.3440,  
99.9416

 36.1017, 57.1938,  
54.0133

 85.6047, 81.6570,  
104.0632

 34.9547, 56.6614,  
51.2984

 85.9470, 81.7940,  
105.8657

 34.3168, 56.3779,  
49.2219

# Harmonies

## Analogous

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



62.8980, 70.2436, 70.2762



62.3365, 70.2436, 76.6025



62.9380, 70.2436, 83.2637

# Triad

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



62.3365, 70.2436, 76.6025



69.0918, 70.2436, 88.2113



69.0181, 70.2436, 65.7361

# Complementary

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



62.3365, 70.2436, 76.6025



61.4888, 60.0935, 64.8616

# 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.



70.7429, 70.2436, 70.0814



62.3365, 70.2436, 76.6025



70.7861, 70.2436, 83.0456

# Square

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



62.3365, 70.2436, 76.6025



66.8060, 70.2436, 90.2030



71.3972, 70.2436, 76.3643



66.7229, 70.2436, 64.2305



# Rectangle

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



62.3365, 70.2436, 76.6025



63.9259, 70.2436, 86.9408



71.3972, 70.2436, 76.3643



69.6857, 70.2436, 66.9000

# Sweetspot

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



62.3385, 70.2465, 76.6041



91.0334, 97.9713, 106.8175



61.4463, 70.0843, 63.1135



19.3280, 20.8907, 22.7803



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

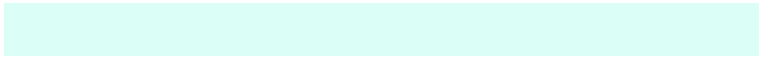


# Same Dimension

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



62.3385, 70.2465, 76.6041



81.8620, 93.3459, 101.7497



61.2440, 66.7774, 80.1859



13.9793, 15.5175, 16.9263



20.0189, 32.8324, 28.8861



1.4201, 2.2888, 2.1736



# Inverse Universe

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



61.4888, 60.0935, 64.8616



80.5477, 77.6389, 83.5851



62.4613, 63.1615, 61.7237



13.8314, 13.7502, 14.8822



18.2614, 9.3715, 2.7761



1.2993, 0.6630, 0.3692



# Previews

## White Background



This preview shows how the XYZ color 62.3365, 70.2436, 76.6025 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

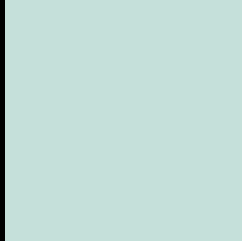
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 62.3365, 70.2436, 76.6025 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

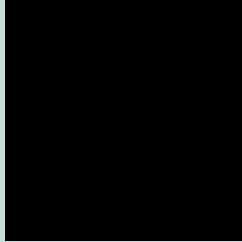
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

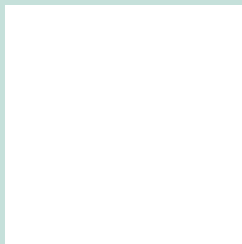
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 62.3365, 70.2436, 76.6025

## Background



This preview shows how black text looks on a background with the XYZ color 62.3365, 70.2436, 76.6025.



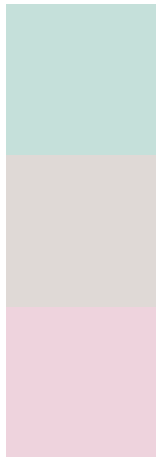
This preview shows how white text looks on a background with the XYZ color 62.3365, 70.2436,



# 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

62.3365, 70.2436, 76.6025

### Protanopia

67.3819, 70.1687, 73.6108

### Deuteranopia

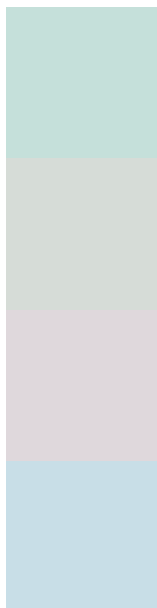
71.6053, 69.9861, 78.1413



## Tritanopia

65.3765, 70.3035, 91.0131

# Trichromacy



## Original Color

62.3365, 70.2436, 76.6025

## Protanomaly

65.5905, 70.3888, 74.4194

## Deuteranomaly

67.9056, 69.9670, 77.6361

## Tritanomaly

64.3645, 70.2914, 85.7765

# Monochromacy



## Original Color

62.3365, 70.2436, 76.6025

## Achromatopsia

64.5905, 67.9542, 74.0022

## Achromatomaly

63.4785, 68.5106, 74.8439

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 62.3365, 70.2436, 76.6025 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(197, 224, 218) looks like.

```
.text, #text, p{  
    color:rgb(197, 224, 218)  
}
```

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(197, 224, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 224, 218) }
```

## Border

The CSS property to change the border of an element to XYZ 62.3365, 70.2436, 76.6025 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(197, 224, 218) }
```



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

```
.border{ border-color:rgb(197, 224, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 224, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 224, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 224, 218);  
box-shadow:4px 4px 4px 4px rgb(197, 224,  
218) }
```

# Background

The CSS property to change the background color of an element to XYZ 62.3365, 70.2436, 76.6025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 224, 218) }
```

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

```
.background{ background-color: rgb(197,  
224, 218) }
```

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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