

Converting Colors

XYZ(65.8537, 70.9153, 74.5071)

Have a look what the booklet for
XYZ(65.8537, 70.9153, 74.5071)
contains.

XYZ(65.8537, 70.9153, 74.5071)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(65.8537, 70.9153,
74.5071)**

Conversions

Conversions Part 1

Format	Color
Hex	D6DDD7
RGB	214, 221, 215
RGB Percent	84%, 87%, 84%
CMY	0.1608, 0.1333, 0.1569
CMYK	0.03, 0.00, 0.03, 0.13
HSL	129°, 9%, 85%
HSV	129°, 3%, 87%
XYZ	65.8537, 70.9153, 74.5071
YIQ	218.2230, -2.2460, -3.3500

Conversions

Conversions Part 2

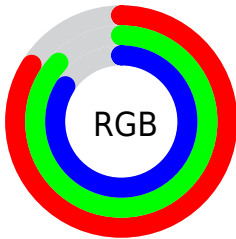
Format	Color
R_{YB}	214, 220, 221
Decimal	14081495
CIE Lab	87.44, -3.44, 2.11
CIE LCh	87, 4.037, 148.500
Yxy	70.9153, 0.3117, 0.3357
Android (android.graphics.Color)	4292271575 (0xFFD6DDD7)
YUV	218.2230, -1.5889, -3.7036
Hunter-Lab	84.2112, -7.7815, 6.4902

Details

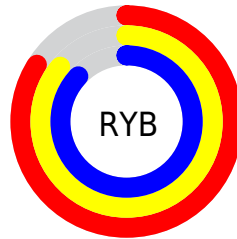
The XYZ color **65.8537, 70.9153, 74.5071** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.7862, 68.6343, 77.4413**, and the grayscale version is **66.8078, 70.2870, 76.5425**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.2795, 37.1814, 38.6277** is the 20% darker color. If you saturate the color by 10%, you get **57.5412, 66.8973, 62.1384**, and if you desaturate by 10%, it is **75.3272, 75.5033, 88.4046**.

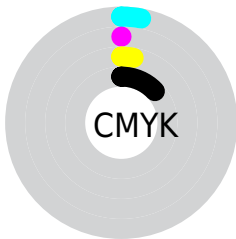
Distribution



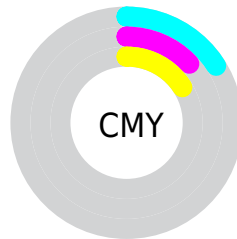
- Red (84%)
- Green (87%)
- Blue (84%)



- Red (84%)
- Yellow (86%)
- Blue (87%)



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (13%)



- Cyan (16%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.8537, 70.9153, 74.5071 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 65.8537, 70.9153, 74.5071 by changing the saturation by 10% instead.

■ 65.8537, 70.9153,
74.5071

■ 65.8537, 70.9153,
74.5071

435.3504,
463.7573, 495.4318

■ 48.4209, 52.2731,
54.7099

112.3352,
120.5131, 127.3551

■ 34.3730, 37.2228,
38.7725

142.1147,
152.2375, 161.2429

■ 23.3445, 25.3800,
26.2763

176.7404,
189.0914, 200.6647

■ 14.9702, 16.3604,
16.8028

216.5777,
231.4592, 246.0390

■ 8.8847, 9.7796,
9.9335

261.9920,
279.7253, 297.7843

■ 4.7225, 5.2530,
5.2499

313.3487,

■ 2.1185, 2.3965,

334.2741, 356.3192

2.3333

371.0130,
395.4899, 422.0622

■ 0.6992, 0.8241,
0.7498

■ 0.0000, 0.0000,
0.0000

■ 65.8537, 70.9153,
74.5071

■ 65.8537, 70.9153,
74.5071

■ 57.5412, 66.8973,
62.1384

■ 75.3272, 75.5033,
88.4046

■ 50.3393, 63.4183,
51.2417

■ 84.8100, 80.0605,
103.8202

■ 44.2024, 60.4580,
41.7636

■ 85.1478, 80.1956,
105.5993

■ 39.0796, 57.9915,
33.6457

■ 34.9159, 55.9916,
26.8256

■ 31.6508, 54.4288,
21.2358

■ 29.2170, 53.2697,
16.8030

■ 27.5376, 52.4765,
13.4459

■ 26.5205, 52.0036,
11.0726

Harmonies

Analogous

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



66.5330, 70.9153, 72.6974



65.8537, 70.9153, 74.5071



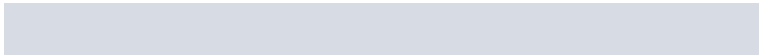
65.5890, 70.9153, 77.0775

Triad

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



65.8537, 70.9153, 74.5071



67.3550, 70.9153, 82.5763



69.0248, 70.9153, 74.7395

Complementary

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



65.8537, 70.9153, 74.5071



66.7862, 68.6343, 77.4413

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.



69.2499, 70.9153, 77.3520



65.8537, 70.9153, 74.5071



68.2803, 70.9153, 81.9154

Square

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



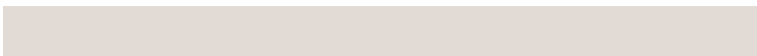
65.8537, 70.9153, 74.5071



66.4507, 70.9153, 81.7727



68.9761, 70.9153, 79.9871



68.3641, 70.9153, 72.8293

Rectangle

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



65.8537, 70.9153, 74.5071



65.6814, 70.9153, 78.8906



68.9761, 70.9153, 79.9871



69.1542, 70.9153, 75.5627

Sweetspot

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



65.8557, 70.9183, 74.5086



93.7681, 99.3796, 107.0134



67.5324, 71.7975, 73.9182



20.0837, 21.2779, 22.9252



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.



65.8557, 70.9183, 74.5086



90.0204, 97.5661, 101.4830



66.3019, 71.0968, 76.8585



13.8139, 15.0485, 15.5278



15.1933, 30.1099, 5.9174



1.0090, 1.9606, 0.5135

Inverse Universe

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



66.7862, 68.6343, 77.4413



91.6483, 93.5704, 106.6135



66.3357, 68.4541, 75.0691



14.1073, 14.3282, 16.4526



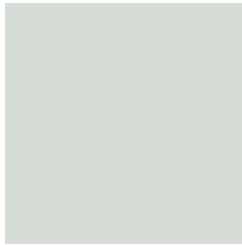
22.7181, 11.0883, 29.2251



1.4942, 0.7273, 2.0112

Previews

White Background



This preview shows how the XYZ color 65.8537, 70.9153, 74.5071 looks on a white background.

Color Contrast Check

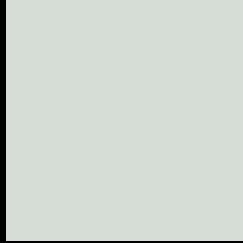
Large Text (above 18pt) WCAG AA × Fail

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 65.8537, 70.9153, 74.5071 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

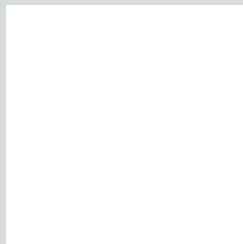
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.8537, 70.9153, 74.5071

Background



This preview shows how black text looks on a background with the XYZ color 65.8537, 70.9153, 74.5071.

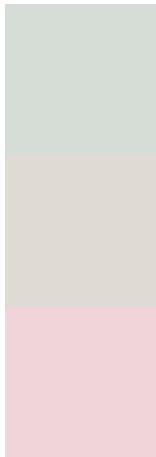


This preview shows how white text looks on a background with the XYZ color 65.8537, 70.9153,

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

65.8537, 70.9153, 74.5071

Protanopia

67.8221, 70.7942, 73.0408

Deuteranopia

72.3435, 70.7975, 75.4980



Tritanopia

68.6821, 70.8927, 88.6610

Trichromacy



Original Color

65.8537, 70.9153, 74.5071

Protanomaly

66.9843, 70.7337, 73.7408

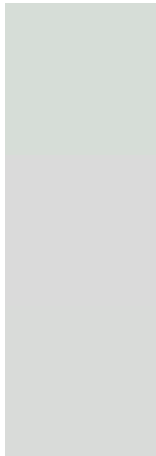
Deuteranomaly

69.6501, 70.5477, 74.9119

Tritanomaly

67.6540, 70.8634, 83.5110

Monochromacy



Original Color

65.8537, 70.9153, 74.5071

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.4712, 70.4245, 75.7355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8537, 70.9153, 74.5071 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(214, 221, 215) looks like.

```
.text, #text, p{  
    color:rgb(214, 221, 215)  
}
```

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(214, 221, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 221, 215) }
```

Border

The CSS property to change the border of an element to XYZ 65.8537, 70.9153, 74.5071 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(214, 221, 215) }
```


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

```
.border{ border-color:rgb(214, 221, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 221, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 221, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 221, 215);  
box-shadow:4px 4px 4px 4px rgb(214, 221,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8537, 70.9153, 74.5071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 221, 215) }
```

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

```
.background{ background-color: rgb(214,  
221, 215) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor