

Converting Colors

XYZ(65.6591, 71.0162, 79.9187)

Have a look what the booklet for
XYZ(65.6591, 71.0162, 79.9187)
contains.

XYZ(65.7351, 71.1256, 80.0760)	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(65.7351, 71.1256,
80.0760)**

Conversions

Conversions Part 1

Format	Color
Hex	D1DEDF
RGB	209, 222, 223
RGB Percent	82%, 87%, 87%
CMY	0.1804, 0.1294, 0.1255
CMYK	0.06, 0.00, 0.00, 0.13
HSL	184°, 18%, 85%
HSV	184°, 6%, 87%
XYZ	65.7351, 71.1256, 80.0760
YIQ	218.2270, -8.0690, -2.4450

Conversions

Conversions Part 2

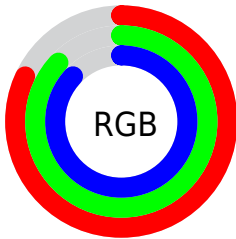
Format	Color
R_{YB}	209, 216, 223
Decimal	13754079
CIE Lab	87.55, -4.15, -2.00
CIE LCh	88, 4.606, 205.741
Yxy	71.1256, 0.3030, 0.3279
Android (android.graphics.Color)	4291944159 (0xFFD1DEDF)
YUV	218.2270, 2.3531, -8.0921
Hunter-Lab	84.3360, -8.4574, 2.7401

Details

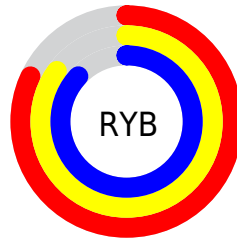
The XYZ color **65.7351, 71.1256, 80.0760** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.9869, 66.3841, 69.7111**, and the grayscale version is **66.7871, 70.2653, 76.5189**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.4042, 37.4331, 42.4578** is the 20% darker color. If you saturate the color by 10%, you get **59.4431, 67.2610, 79.6628**, and if you desaturate by 10%, it is **72.9183, 75.4594, 80.5350**.

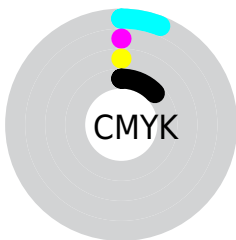
Distribution



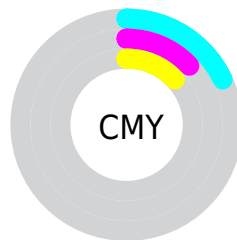
- Red (82%)
- Green (87%)
- Blue (87%)



- Red (82%)
- Yellow (85%)
- Blue (87%)



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (18%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7351, 71.1256, 80.0760 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 65.7351, 71.1256, 80.0760 by changing the saturation by 10% instead.

■ 65.7351, 71.1256,
80.0760

■ 65.7351, 71.1256,
80.0760

434.9325,
464.4924, 514.9024

■ 48.3243, 52.4447,
59.2544

112.1659,
120.8125, 135.2849

■ 34.2961, 37.3597,
42.3966

141.9166,
152.5874, 170.5093

■ 23.2851, 25.4861,
29.0840

176.5113,
189.4957, 211.3717

■ 14.9260, 16.4396,
18.8983

216.3154,
231.9218, 258.2906

■ 8.8535, 9.8357,
11.4207

261.6942,
280.2501, 311.6846

■ 4.7021, 5.2902,
6.2329

313.0131,

■ 2.1065, 2.4185,

334.8650, 371.9722

2.9161

370.6374,
396.1510, 439.5720

■ 0.6927, 0.8354,
1.0520

■ 0.0000, 0.0000,
0.0000

■ 65.7351, 71.1256,
80.0760

■ 65.7351, 71.1256,
80.0760

■ 59.4431, 67.2610,
79.6628

■ 72.9183, 75.4594,
80.5350

■ 53.9997, 63.8377,
79.2889

■ 81.0209, 80.2712,
81.0367

■ 49.3678, 60.8388,
78.9542

■ 81.9648, 81.3985,
81.2046

■ 45.5055, 58.2423,
78.6566

■ 82.4004, 82.2696,
81.3497

■ 42.3668, 56.0247,
78.3940

■ 82.8400, 83.1488,
81.4963

■ 39.9009, 54.1598,
78.1640

■ 83.2836, 84.0360,
81.6441

■ 38.0505, 52.6180,
77.9639

■ 83.7312, 84.9313,
81.7934

■ 36.7484, 51.3646,
77.7906

■ 84.1829, 85.8346,
81.9439

■ 35.9110, 50.3565,
77.6402

■ 84.6386, 86.7461,
82.0958

Harmonies

Analogous

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



65.5371, 71.1256, 76.9994



65.7351, 71.1256, 80.0760



66.4315, 71.1256, 82.5038

Triad

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



65.7351, 71.1256, 80.0760



69.3472, 71.1256, 80.8669



67.7583, 71.1256, 71.6191

Complementary

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



65.7351, 71.1256, 80.0760



64.9869, 66.3841, 69.7111

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.



68.7877, 71.1256, 72.5948



65.7351, 71.1256, 80.0760



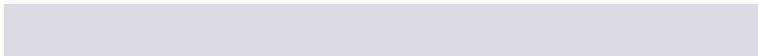
69.7113, 71.1256, 77.8897

Square

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



65.7351, 71.1256, 80.0760



68.5157, 71.1256, 82.9689



69.5054, 71.1256, 74.8697



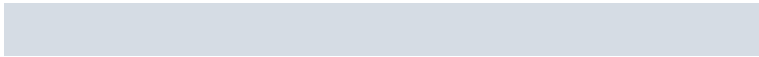
66.6979, 71.1256, 72.1693

Rectangle

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



65.7351, 71.1256, 80.0760



67.0886, 71.1256, 83.3991



69.5054, 71.1256, 74.8697



68.1195, 71.1256, 71.7788

Sweetspot

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



65.7371, 71.1286, 80.0776



93.0828, 98.8141, 108.7748



64.3079, 70.9817, 71.2419



19.9442, 21.1627, 23.2836



0.0000, 0.0000, 0.0000



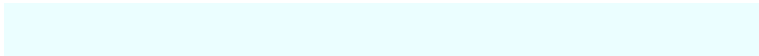
20.3446, 21.4041, 23.3091

Same Dimension

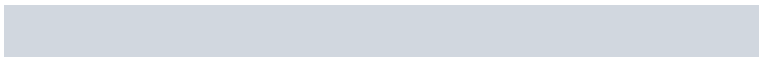
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.7371, 71.1286, 80.0776



87.4775, 95.4112, 108.4134



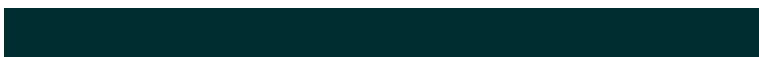
63.9324, 67.5191, 79.4760



14.0287, 15.3965, 17.6201



21.0045, 29.4787, 45.6313



1.4813, 2.0940, 3.1714

Inverse Universe

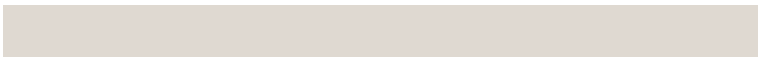
The Inverse Universe completely reimagines the original color for something new.



66.4183, 66.5643, 78.4583



88.6510, 87.5747, 105.6181



66.7368, 69.8840, 70.2944



14.2507, 13.9179, 17.0904



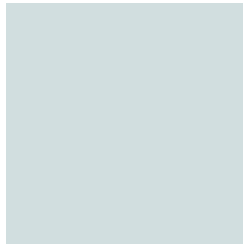
24.5423, 11.8839, 35.8513



1.7139, 0.8288, 2.5524

Previews

White Background



This preview shows how the XYZ color 65.7351, 71.1256, 80.0760 looks on a white background.

Color Contrast Check

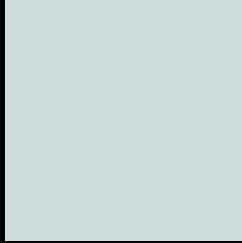
Large Text (above 18pt) WCAG AA × Fail

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 65.7351, 71.1256, 80.0760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

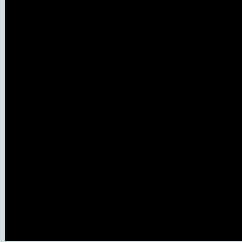
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

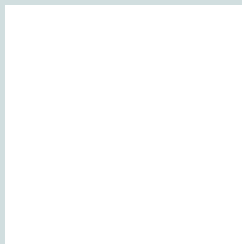
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.7351, 71.1256, 80.0760

Background



This preview shows how black text looks on a background with the XYZ color 65.7351, 71.1256, 80.0760.

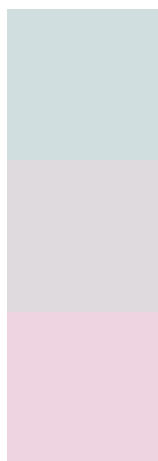


This preview shows how white text looks on a background with the XYZ color 65.7351, 71.1256,

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

65.7351, 71.1256, 80.0760

Protanopia

68.2467, 70.8929, 78.4933

Deuteranopia

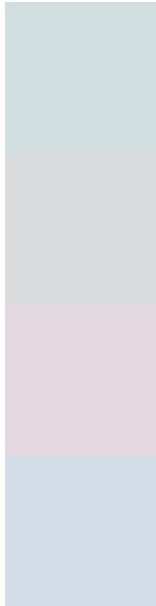
72.3940, 70.7004, 81.0651



Tritanopia

67.7432, 71.1497, 90.2836

Trichromacy



Original Color

65.7351, 71.1256, 80.0760

Protanomaly

67.1316, 70.6887, 79.2133

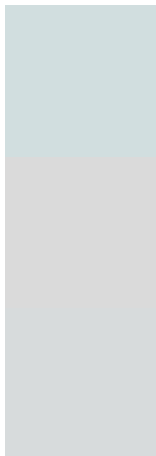
Deuteranomaly

69.6890, 70.8244, 80.5185

Tritanomaly

67.0003, 71.2407, 86.5635

Monochromacy



Original Color

65.7351, 71.1256, 80.0760

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.2741, 70.2774, 77.7820

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7351, 71.1256, 80.0760 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(209, 222, 223) looks like.

```
.text, #text, p{  
    color:rgb(209, 222, 223)  
}
```

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(209, 222, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 222, 223) }
```

Border

The CSS property to change the border of an element to XYZ 65.7351, 71.1256, 80.0760 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(209, 222, 223) }
```


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

```
.border{ border-color:rgb(209, 222, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 222, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 222, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 222, 223);  
box-shadow:4px 4px 4px 4px rgb(209, 222,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7351, 71.1256, 80.0760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 222, 223) }
```

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

```
.background{ background-color: rgb(209,  
222, 223) }
```

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