

Converting Colors

XYZ(68.4277, 71.7298, 80.0507)

Have a look what the booklet for
XYZ(68.4277, 71.7298, 80.0507)
contains.

XYZ(68.4277, 71.7298, 80.0507)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(68.4277, 71.7298,
80.0507)**

Conversions

Conversions Part 1	
Format	Color
Hex	DCDCDF
RGB	220, 220, 223
RGB Percent	86%, 86%, 87%
CMY	0.1372, 0.1372, 0.1255
CMYK	0.01, 0.01, 0.00, 0.13
HSL	240°, 4%, 87%
HSV	240°, 1%, 87%
XYZ	68.4277, 71.7298, 80.0507
YIQ	220.3420, -0.9630, 0.9330

Conversions

Conversions Part 2

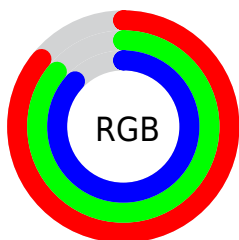
Format	Color
RYB	220, 220, 223
Decimal	14474463
CIELab	87.84, 0.55, -1.48
CIELCh	88, 1.575, 290.351
Yxy	71.7298, 0.3107, 0.3257
Android (android.graphics.Color)	4292664543 (0xFFDCDCDF)
YUV	220.3420, 1.3104, -0.2999
Hunter-Lab	84.6934, -3.9952, 3.2456

Details

The XYZ color **68.4277, 71.7298, 80.0507** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.7374, 73.6297, 78.2476**, and the grayscale version is **68.2597, 71.8146, 78.2061**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.0401, 37.7368, 42.4302** is the 20% darker color. If you saturate the color by 10%, you get **56.6627, 57.5594, 77.9367**, and if you desaturate by 10%, it is **81.8758, 87.9279, 82.4695**.

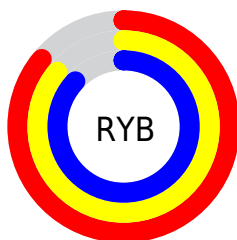
Distribution



Red (86%)

Green (86%)

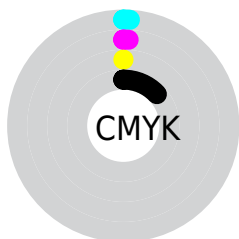
Blue (87%)



Red (86%)

Yellow (86%)

Blue (87%)

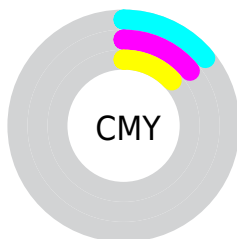


Cyan (1%)

Magenta (1%)

Yellow (0%)

Black (13%)



Cyan (14%)

Magenta (14%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.4277, 71.7298, 80.0507 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 68.4277, 71.7298, 80.0507 by changing the saturation by 10% instead.


 68.4277, 71.7298,
80.0507

 68.4277, 71.7298,
80.0507


444.3629,
466.6006, 514.8150

 50.5207, 52.9380,
59.2337


116.0023,
121.6723, 135.2491

 36.0468, 37.7533,
42.3800


146.4007,
153.5918, 170.4675

 24.6406, 25.7912,
29.0712


181.6936,
190.6559, 211.3234

 15.9368, 16.6675,
18.8886

222.2463,
233.2491, 258.2354

 9.5700, 9.9977,
11.4138

268.4242,
281.7558, 311.6220

 5.1749, 5.3975,
6.2282


320.5927,


 2.3860, 2.4823,


336.5604, 371.9018

2.9133


379.1172,
398.0471, 439.4932


 0.8382, 0.8678,
1.0506


 0.0000, 0.0000,
0.0000


 68.4277, 71.7298,
80.0507


 68.4277, 71.7298,
80.0507


 56.6627, 57.5594,
77.9367

 81.8758, 87.9279,
82.4695

 46.5088, 45.3282,
76.1110

 90.3195, 98.1078,
83.9894

 37.8977, 34.9545,
74.5625

 30.7540, 26.3477,
73.2778

■ 24.9958, 19.4093,
72.2420

■ 20.5335, 14.0312,
71.4391

■ 17.2665, 10.0927,
70.8511

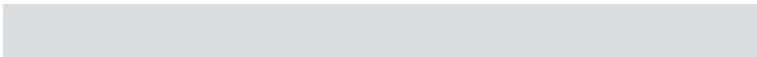
■ 15.0800, 7.4555,
70.4573

■ 13.8364, 5.9541,
70.2331

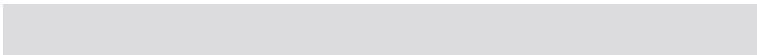
Harmonies

Analogous

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



68.0564, 71.7298, 80.1519



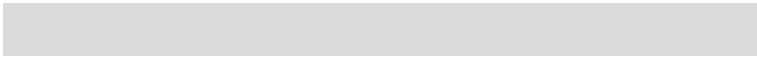
68.4277, 71.7298, 80.0507



68.7329, 71.7298, 79.4246

Triad

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



68.4277, 71.7298, 80.0507



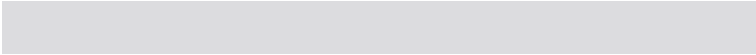
68.6374, 71.7298, 76.5247



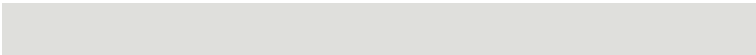
67.4697, 71.7298, 77.7565

Complementary

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



68.4277, 71.7298, 80.0507



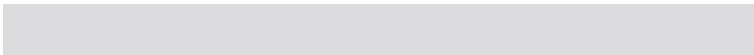
69.7374, 73.6297, 78.2476

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.



67.6242, 71.7298, 76.7933



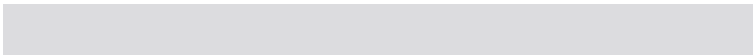
68.4277, 71.7298, 80.0507



68.2978, 71.7298, 76.0865

Square

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



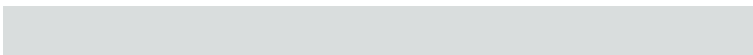
68.4277, 71.7298, 80.0507



68.8543, 71.7298, 77.3867



67.9270, 71.7298, 76.1843



67.5042, 71.7298, 78.8208

Rectangle

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



68.4277, 71.7298, 80.0507



68.8573, 71.7298, 78.7969



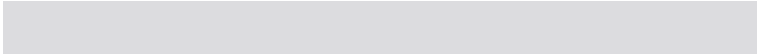
67.9270, 71.7298, 76.1843



67.5013, 71.7298, 77.4103

Sweetspot

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



68.4297, 71.7329, 80.0523

95.0500, 100.0000, 108.9000



69.2165, 73.3171, 80.2813



20.3446, 21.4041, 23.3091



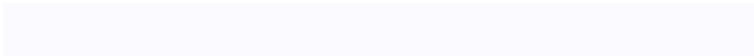
0.0000, 0.0000, 0.0000

Same Dimension

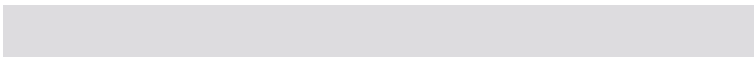
The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.4297, 71.7329, 80.0523



91.5951, 95.8386, 108.2789



68.8695, 71.9581, 80.0726



14.9322, 15.6295, 17.6175



7.8339, 3.1374, 41.2411



0.5435, 0.2185, 2.8588

Inverse Universe

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



68.9445, 72.0430, 77.9858



92.6352, 96.4653, 104.1029



69.2935, 73.4024, 78.2271



15.0910, 15.7251, 16.9800



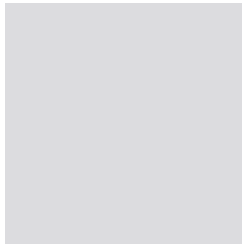
17.8944, 9.2248, 0.8438



1.2406, 0.6395, 0.0598

Previews

White Background



This preview shows how the XYZ color 68.4277, 71.7298, 80.0507 looks on a white background.

Color Contrast Check

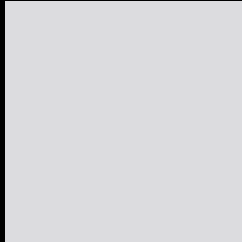
Large Text (above 18pt) WCAG AA × Fail

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 68.4277, 71.7298, 80.0507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

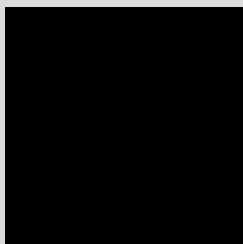
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

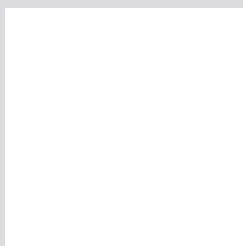
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.4277, 71.7298, 80.0507

Background



This preview shows how black text looks on a background with the XYZ color 68.4277, 71.7298, 80.0507.

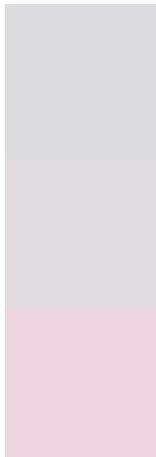


This preview shows how white text looks on a background with the XYZ color 68.4277, 71.7298,

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

68.4277, 71.7298, 80.0507

Protanopia

68.9478, 71.6249, 79.2983

Deuteranopia

72.8454, 71.3210, 80.4480



Tritanopia

70.1910, 71.6706, 88.7316

Trichromacy

	Original Color 68.4277, 71.7298, 80.0507
	Protanomaly 68.6405, 71.4666, 79.2839
	Deuteranomaly 71.2891, 71.6494, 80.5934
	Tritanomaly 69.5741, 71.8047, 85.7941

Monochromacy

	Original Color 68.4277, 71.7298, 80.0507
	Achromatopsia 68.0267, 71.5694, 77.9390
	Achromatomaly 68.1595, 71.6225, 78.6387

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.4277, 71.7298, 80.0507 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(220, 220, 223) looks like.

```
.text, #text, p{  
    color:rgb(220, 220, 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(220, 220, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 220, 223) }
```

Border

The CSS property to change the border of an element to XYZ 68.4277, 71.7298, 80.0507 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(220, 220, 223) }
```

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

```
.border{ border-color:rgb(220, 220, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 220, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 220, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 220, 223);  
box-shadow:4px 4px 4px 4px rgb(220, 220,  
223) }
```


Background

The CSS property to change the background color of an element to XYZ 68.4277, 71.7298, 80.0507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 220, 223) }
```

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

```
.background{ background-color: rgb(220,  
220, 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