

Converting Colors

XYZ(70.4858, 74.1641, 80.7488)

Have a look what the booklet for
XYZ(70.4858, 74.1641, 80.7488)
contains.

XYZ(70.4064, 74.3270, 80.4478)	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(70.4064, 74.3270,
80.4478)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE0DF
RGB	223, 224, 223
RGB Percent	87%, 88%, 87%
CMY	0.1255, 0.1215, 0.1255
CMYK	0.00, 0.00, 0.00, 0.12
HSL	120°, 2%, 88%
HSV	120°, 0%, 88%
XYZ	70.4064, 74.3270, 80.4478
YIQ	223.5870, -0.2750, -0.5230

Conversions

Conversions Part 2

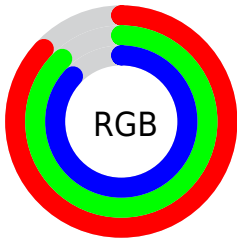
Format	Color
R _Y B	223, 224, 224
Decimal	14672095
CIE Lab	89.08, -0.51, 0.36
CIE LCh	89, 0.626, 144.864
Yxy	74.3270, 0.3127, 0.3301
Android (android.graphics.Color)	4292862175 (0xFFDFE0DF)
YUV	223.5870, -0.2894, -0.5148
Hunter-Lab	86.2131, -5.1000, 5.0241

Details

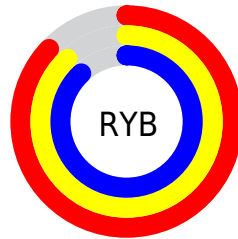
The XYZ color **70.4064, 74.3270, 80.4478** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.5855, 74.0065, 81.0892**, and the grayscale version is **70.5608, 74.2355, 80.8424**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.4043, 39.5279, 42.7040** is the 20% darker color. If you saturate the color by 10%, you get **61.1331, 69.8748, 65.2779**, and if you desaturate by 10%, it is **80.9966, 79.4162, 97.7681**.

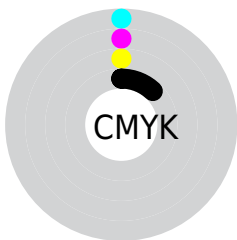
Distribution



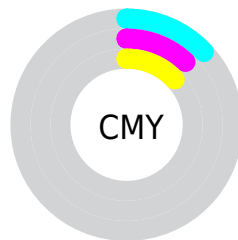
- Red (87%)
- Green (88%)
- Blue (87%)



- Red (87%)
- Yellow (88%)
- Blue (88%)



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



- Cyan (13%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.4064, 74.3270, 80.4478 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 70.4064, 74.3270, 80.4478 by changing the saturation by 10% instead.

■ 70.4064, 74.3270,
80.4478

■ 70.4064, 74.3270,
80.4478

451.2198,
475.6012, 516.1872

■ 52.1387, 55.0617,
59.5586

118.8112,
125.3592, 135.8122

■ 37.3404, 39.4511,
42.6400

149.6791,
157.8950, 171.1245

■ 25.6460, 27.1109,
29.2734

185.4777,
195.6230, 212.0815

■ 16.6903, 17.6565,
19.0404

226.5725,
238.9277, 259.1019

■ 10.1079, 10.7037,
11.5224

273.3287,
288.1935, 312.6041

■ 5.5333, 5.8679,
6.3008

326.1118,

■ 2.6014, 2.7649,

343.8047, 373.0067

2.9571

385.2870,
406.1458, 440.7282

■ 0.9467, 1.0103,
1.0728

■ 0.0000, 0.0000,
0.0000

■ 70.4064, 74.3270,
80.4478

■ 70.4064, 74.3270,
80.4478

■ 61.1331, 69.8748,
65.2779

■ 80.9966, 79.4162,
97.7681

■ 53.1193, 66.0253,
52.1700

■ 85.9471, 81.7942,
105.8657

■ 46.3126, 62.7557,
41.0363

■ 40.6545, 60.0378,
31.7815

■ 36.0818, 57.8413,
24.3019

■ 32.5249, 56.1328,
18.4839

■ 29.9065, 54.8750,
14.2010

■ 28.1380, 54.0255,
11.3081

■ 27.1139, 53.5336,
9.6330

Harmonies

Analogous

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



70.5225, 74.3270, 80.1710



70.4064, 74.3270, 80.4478



70.3544, 74.3270, 80.8544

Triad

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



70.4064, 74.3270, 80.4478



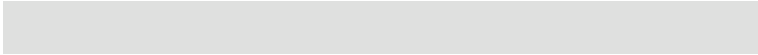
70.6194, 74.3270, 81.7676



70.9116, 74.3270, 80.5774

Complementary

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



70.4064, 74.3270, 80.4478



70.5855, 74.0065, 81.0892

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.



70.9376, 74.3270, 81.0046



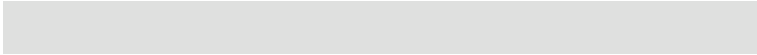
70.4064, 74.3270, 80.4478



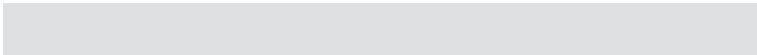
70.7688, 74.3270, 81.6927

Square

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



70.4064, 74.3270, 80.4478



70.4772, 74.3270, 81.6172



70.8853, 74.3270, 81.4131



70.8142, 74.3270, 80.2456

Rectangle

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



70.4064, 74.3270, 80.4478



70.3630, 74.3270, 81.1448



70.8853, 74.3270, 81.4131



70.9290, 74.3270, 80.7145

Sweetspot

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



70.4085, 74.3302, 80.4494

95.0500, 100.0000, 108.9000



70.7187, 74.4901, 80.4639



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

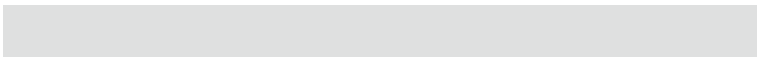
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.4085, 74.3302, 80.4494



93.7102, 99.3564, 106.7085



70.4763, 74.3573, 80.8063



15.2552, 16.1665, 17.3779



15.5155, 31.0311, 5.1719



1.0755, 2.1509, 0.3585

Inverse Universe

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



70.5855, 74.0065, 81.0892



94.2419, 98.3838, 108.6306



70.5175, 73.9793, 80.7312



15.3363, 16.0181, 17.6712



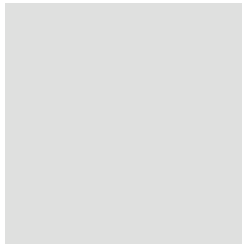
25.7245, 12.3568, 42.0763



1.7831, 0.8565, 2.9165

Previews

White Background



This preview shows how the XYZ color 70.4064, 74.3270, 80.4478 looks on a white background.

Color Contrast Check

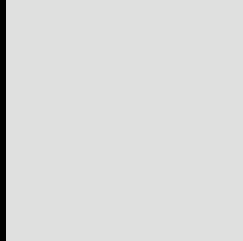
Large Text (above 18pt) WCAG AA × Fail

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 70.4064, 74.3270, 80.4478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

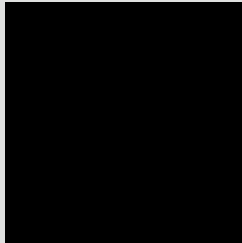
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

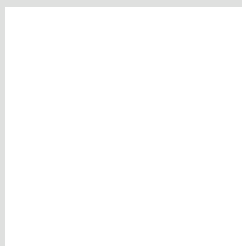
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.4064, 74.3270, 80.4478

Background



This preview shows how black text looks on a background with the XYZ color 70.4064, 74.3270, 80.4478.



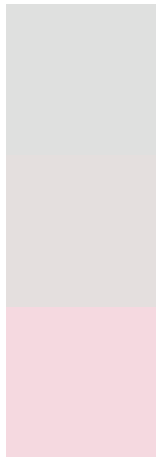
This preview shows how white text looks on a background with the XYZ color 70.4064, 74.3270,

80.4478.

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

70.4064, 74.3270, 80.4478

Protanopia

71.5674, 74.5433, 79.7235

Deuteranopia

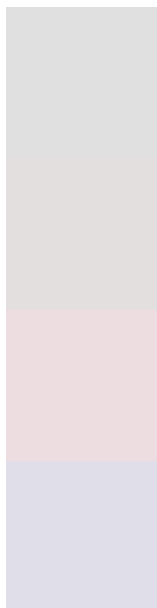
75.9236, 74.4200, 80.8839



Tritanopia

72.7526, 74.4821, 92.2034

Trichromacy



Original Color

70.4064, 74.3270, 80.4478

Protanomaly

70.9365, 74.2180, 79.6940

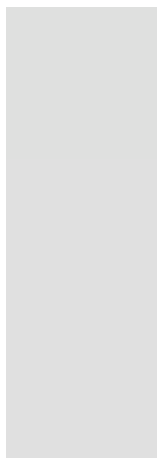
Deuteranomaly

73.9728, 74.5727, 81.0162

Tritanomaly

71.8361, 74.5058, 87.6857

Monochromacy



Original Color

70.4064, 74.3270, 80.4478

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.8507, 74.5404, 81.1745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.4064, 74.3270, 80.4478 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(223, 224, 223) looks like.

```
.text, #text, p{  
    color:rgb(223, 224, 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(223, 224, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 224, 223) }
```

Border

The CSS property to change the border of an element to XYZ 70.4064, 74.3270, 80.4478 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(223, 224, 223) }
```

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

```
.border{ border-color:rgb(223, 224, 223) }
```

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

Here you see how a box with a 4 pixel rgb(223, 224, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 224, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 224, 223);  
box-shadow:4px 4px 4px 4px rgb(223, 224,  
223) }
```


Background

The CSS property to change the background color of an element to XYZ 70.4064, 74.3270, 80.4478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 224, 223) }
```

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

```
.background{ background-color: rgb(223,  
224, 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](#).

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