

Converting Colors

XYZ(68.5292, 71.1975, 79.2303)

Have a look what the booklet for
XYZ(68.5292, 71.1975, 79.2303)
contains.

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Color

**XYZ(68.3804, 70.9463,
79.1972)**

Conversions

Conversions Part 1

Format	Color
Hex	DEDADE
RGB	222, 218, 222
RGB Percent	87%, 85%, 87%
CMY	0.1294, 0.1451, 0.1294
CMYK	0.00, 0.02, 0.00, 0.13
HSL	300°, 6%, 86%
HSV	300°, 2%, 87%
XYZ	68.3804, 70.9463, 79.1972
YIQ	219.6520, 1.1000, 2.0920

Conversions

Conversions Part 2

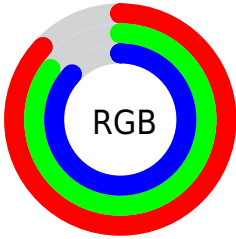
Format	Color
R _Y B	222, 218, 222
Decimal	14605022
CIE Lab	87.46, 2.08, -1.49
CIE LCh	87, 2.557, 324.432
Yxy	70.9463, 0.3129, 0.3247
Android (android.graphics.Color)	4292795102 (0xFFDEDADE)
YUV	219.6520, 1.1576, 2.0592
Hunter-Lab	84.2296, -2.4896, 3.2131

Details

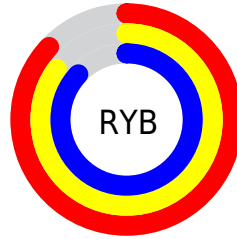
The XYZ color **68.3804, 70.9463, 79.1972** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.6923, 72.2118, 76.7038**, and the grayscale version is **67.7784, 71.3081, 77.6545**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.0086, 37.1999, 41.8417** is the 20% darker color. If you saturate the color by 10%, you get **63.0056, 60.1958, 77.4065**, and if you desaturate by 10%, it is **74.5303, 83.2450, 81.2480**.

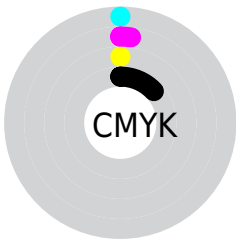
Distribution



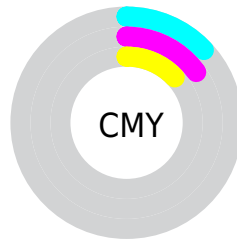
- Red (87%)
- Green (85%)
- Blue (87%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (13%)



- Cyan (13%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.3804, 70.9463, 79.1972 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 68.3804, 70.9463, 79.1972 by changing the saturation by 10% instead.

■ 68.3804, 70.9463,
79.1972

■ 68.3804, 70.9463,
79.1972

444.1982,
463.8657, 511.8585

■ 50.4821, 52.2984,
58.5357

115.9351,
120.5573, 134.0376

■ 36.0160, 37.2430,
41.8219

146.3222,
152.2891, 169.0536

■ 24.6167, 25.3957,
28.6373

181.6029,
189.1510, 209.6915

■ 15.9189, 16.3721,
18.5634

222.1426,
231.5274, 256.3698

■ 9.5573, 9.7878,
11.1816

268.3066,
279.8027, 309.5072

■ 5.1664, 5.2585,
6.0734

320.4603,

■ 2.3810, 2.3997,

334.3612, 369.5220

2.8203

378.9691,
395.5874, 436.8329

■ 0.8356, 0.8257,
1.0036

■ 0.0000, 0.0000,
0.0000

■ 68.3804, 70.9463,
79.1972

■ 68.3804, 70.9463,
79.1972

■ 63.0056, 60.1958,
77.4065

■ 74.5303, 83.2450,
81.2480

■ 58.3693, 50.9234,
75.8611

■ 79.0698, 92.3239,
82.7612

■ 54.4413, 43.0674,
74.5518

■ 79.0699, 92.3240,
82.7612

■ 51.1866, 36.5581,
73.4669

■ 79.0700, 92.3240,
82.7612

48.5674, 31.3199,
72.5939

79.0701, 92.3240,
82.7612

46.5423, 27.2698,
71.9188

79.0701, 92.3241,
82.7612

45.0648, 24.3149,
71.4264

79.0702, 92.3241,
82.7612

44.0815, 22.3485,
71.0986

79.0703, 92.3242,
82.7612

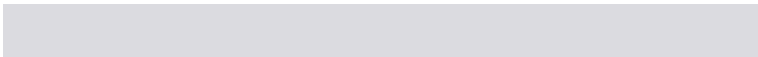
43.5286, 21.2427,
70.9143

79.0704, 92.3242,
82.7612

Harmonies

Analogous

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



67.9133, 70.9463, 80.3131



68.3804, 70.9463, 79.1972



68.5936, 70.9463, 77.5713

Triad

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



68.3804, 70.9463, 79.1972



67.5450, 70.9463, 73.9886



66.3816, 70.9463, 78.6308

Complementary

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



68.3804, 70.9463, 79.1972



67.6923, 72.2118, 76.7038

Split Complementary

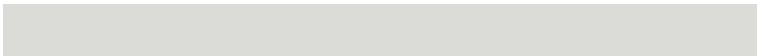
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.2843, 70.9463, 76.9265



68.3804, 70.9463, 79.1972



66.9536, 70.9463, 74.2628

Square

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



68.3804, 70.9463, 79.1972



68.1094, 70.9463, 74.5773



66.4931, 70.9463, 75.3320



66.7598, 70.9463, 79.9827

Rectangle

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



68.3804, 70.9463, 79.1972



68.5621, 70.9463, 76.4234



66.4931, 70.9463, 75.3320



66.3151, 70.9463, 78.0795

Sweetspot

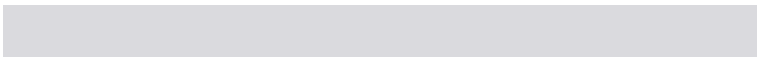
The Sweet Spot groups the original color and five complimentary colors.



68.3824, 70.9494, 79.1987



94.2419, 98.3838, 108.6306



67.1901, 70.3603, 79.1479



20.1802, 21.0752, 23.2543



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.



68.3824, 70.9494, 79.1987



93.4445, 96.7891, 108.3648



68.1250, 70.8464, 77.8429



15.2145, 15.7746, 17.6306



25.7242, 12.3566, 42.0776



1.7831, 0.8565, 2.9166

Inverse Universe

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



67.8530, 70.7376, 76.4108



92.6342, 96.4649, 104.0976



67.9466, 72.3135, 78.0430



15.0908, 15.7251, 16.9792



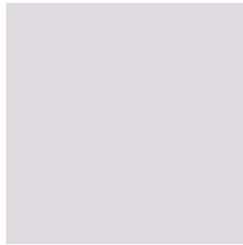
17.8932, 9.2243, 0.8374



1.2403, 0.6394, 0.0581

Previews

White Background



This preview shows how the XYZ color 68.3804, 70.9463, 79.1972 looks on a white background.

Color Contrast Check

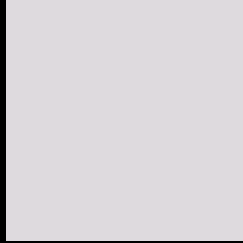
Large Text (above 18pt) WCAG AA × Fail

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 68.3804, 70.9463, 79.1972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

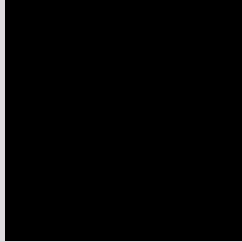
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

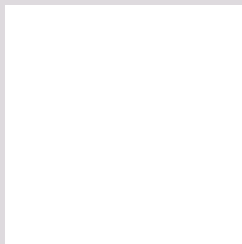
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.3804, 70.9463, 79.1972

Background



This preview shows how black text looks on a background with the XYZ color 68.3804, 70.9463, 79.1972.

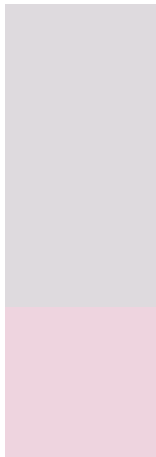


This preview shows how white text looks on a background with the XYZ color 68.3804, 70.9463,

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

68.3804, 70.9463, 79.1972

Protanopia

68.3804, 70.9463, 79.1972

Deuteranopia

72.1227, 70.5918, 79.6363



Tritanopia

70.0043, 70.8422, 87.0751

Trichromacy



Original Color

68.3804, 70.9463, 79.1972

Protanomaly

68.3804, 70.9463, 79.1972

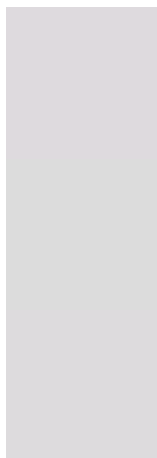
Deuteranomaly

70.6446, 70.5767, 79.7113

Tritanomaly

69.3871, 70.9708, 84.1704

Monochromacy



Original Color

68.3804, 70.9463, 79.1972

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.2015, 71.2556, 78.5657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.3804, 70.9463, 79.1972 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(222, 218, 222) looks like.

```
.text, #text, p{  
    color:rgb(222, 218, 222)  
}
```

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(222, 218, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 218, 222) }
```

Border

The CSS property to change the border of an element to XYZ 68.3804, 70.9463, 79.1972 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(222, 218, 222) }
```


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

```
.border{ border-color:rgb(222, 218, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 218, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 218, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 218, 222);  
box-shadow:4px 4px 4px 4px rgb(222, 218,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 68.3804, 70.9463, 79.1972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 218, 222) }
```

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

```
.background{ background-color: rgb(222,  
218, 222) }
```

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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