

Converting Colors

XYZ(72.2513, 73.1097,
104.0214)

Have a look what the booklet for
XYZ(72.2513, 73.1097, 104.0214)
contains.

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Color

**XYZ(72.3960, 73.2476,
104.0884)**

Conversions

Conversions Part 1

Format	Color
Hex	DADCFE
RGB	218, 220, 254
RGB Percent	85%, 86%, 100%
CMY	0.1451, 0.1372, 0.0039
CMYK	0.14, 0.13, 0.00, 0.00
HSL	237°, 95%, 93%
HSV	237°, 14%, 100%
XYZ	72.3960, 73.2476, 104.0884
YIQ	223.2780, -12.1060, 10.1500

Conversions

Conversions Part 2

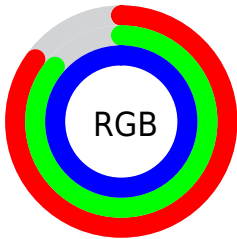
Format	Color
R _Y B	218, 220, 254
Decimal	14343422
CIE Lab	88.57, 5.91, -16.73
CIE LCh	89, 17.749, 289.462
Yxy	73.2476, 0.2899, 0.2933
Android (android.graphics.Color)	4292533502 (0xFFDADC FE)
YUV	223.2780, 15.1459, -4.6288
Hunter-Lab	85.5848, 1.2193, -12.1992

Details

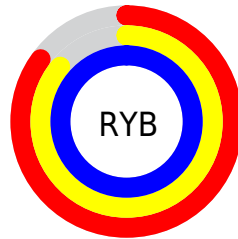
The XYZ color **72.3960, 73.2476, 104.0884** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **88.3387, 95.7530, 80.1574**, and the grayscale version is **70.2405, 73.8985, 80.4755**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.6374, 38.7280, 58.2622** is the 20% darker color. If you saturate the color by 10%, you get **59.5246, 57.9291, 101.8112**, and if you desaturate by 10%, it is **87.3390, 90.9788, 106.7244**.

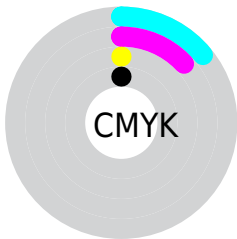
Distribution



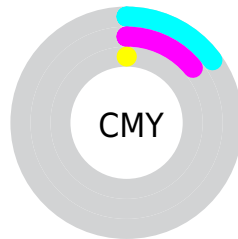
- Red (85%)
- Green (86%)
- Blue (100%)



- Red (85%)
- Yellow (86%)
- Blue (100%)



- Cyan (14%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.3960, 73.2476, 104.0884 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 72.3960, 73.2476, 104.0884 by changing the saturation by 10% instead.

■ 72.3960, 73.2476,
104.0884

■ 72.3960, 73.2476,
104.0884

458.0550,
471.8725, 594.5807

■ 53.7688, 54.1784,
79.0835

121.6271,
123.8286, 168.8650

■ 38.6468, 38.7443,
58.4427

152.9618,
156.1093, 209.4738

■ 26.6646, 26.5609,
41.7476

189.2631,
193.5626, 256.1209

■ 17.4568, 17.2437,
28.5796

230.8962,
236.5730, 309.2249

■ 10.6580, 10.4084,
18.5202

278.2266,
285.5247, 369.2044

■ 5.9029, 5.6706,
11.1508

331.6197,

■ 2.8263, 2.6458,

340.8023, 436.4778

6.0529

391.4407,
402.7901, 511.4637

■ 1.0626, 0.9498,
2.8080

■ 0.0000, 0.0000,
0.9974

■ 72.3960, 73.2476,
104.0884

■ 72.3960, 73.2476,
104.0884

■ 59.5246, 57.9291,
101.8112

■ 87.3390, 90.9788,
106.7244

■ 48.6271, 44.9102,
99.8727

94.8896, 99.9358,
108.0554

■ 39.6078, 34.0827,
98.2581

■ 32.3604, 25.3260,
96.9499

■ 26.7680, 18.5078,
95.9286

■ 22.6998, 13.4806,
95.1727

■ 20.0048, 10.0756,
94.6575

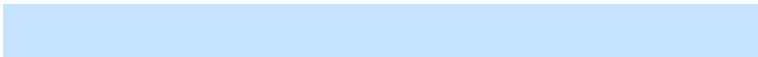
■ 18.5012, 8.0914,
94.3537

■ 18.0484, 7.4735,
94.2583

Harmonies

Analogous

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



68.1262, 73.2476, 105.2253



72.3960, 73.2476, 104.0884



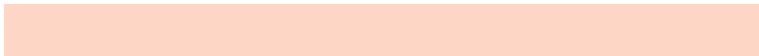
76.0591, 73.2476, 96.0643

Triad

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



72.3960, 73.2476, 104.0884



75.1033, 73.2476, 63.1592



61.8427, 73.2476, 75.5233

Complementary

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



72.3960, 73.2476, 104.0884



88.3387, 95.7530, 80.1574

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.



63.5544, 73.2476, 65.4033



72.3960, 73.2476, 104.0884



71.1347, 73.2476, 58.7658

Square

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



72.3960, 73.2476, 104.0884



77.6659, 73.2476, 72.1609



66.9152, 73.2476, 59.5429



62.1493, 73.2476, 87.8623

Rectangle

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



72.3960, 73.2476, 104.0884



77.6090, 73.2476, 88.3067



66.9152, 73.2476, 59.5429



62.1983, 73.2476, 71.7725

Sweetspot

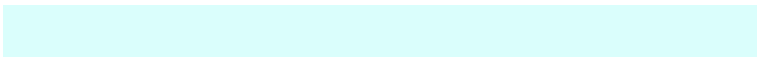
The Sweet Spot groups the original color and five complimentary colors.



72.3982, 73.2506, 104.0900



88.4001, 92.1239, 107.7302



81.8639, 92.7933, 105.3608



18.6619, 19.4110, 23.0131



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.



72.3982, 73.2506, 104.0900



69.1628, 69.2895, 104.3367



76.7627, 74.7249, 104.1446



17.0841, 17.5398, 22.7350



9.5471, 4.0038, 49.7042



0.9568, 0.4443, 4.8486

Inverse Universe

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



78.8644, 76.3826, 78.3003



76.8416, 73.0304, 73.7060



83.4923, 94.1933, 80.1118



18.0503, 18.0034, 18.8822



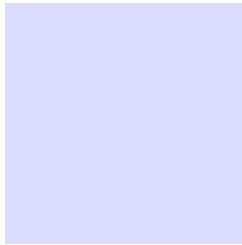
21.6071, 11.1321, 1.3157



2.1176, 1.0894, 0.2005

Previews

White Background



This preview shows how the XYZ color 72.3960, 73.2476, 104.0884 looks on a white background.

Color Contrast Check

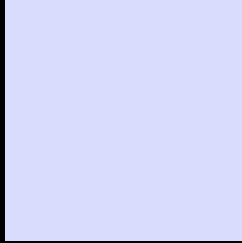
Large Text (above 18pt) WCAG AA × Fail

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 72.3960, 73.2476, 104.0884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

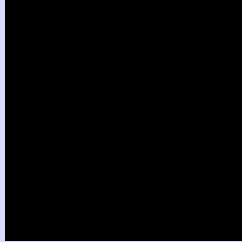
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.3960, 73.2476, 104.0884

Background



This preview shows how black text looks on a background with the XYZ color 72.3960, 73.2476, 104.0884.

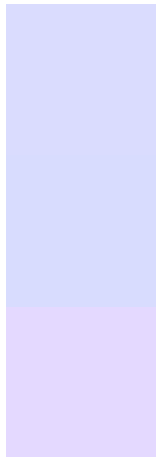


This preview shows how white text looks on a background with the XYZ color 72.3960, 73.2476,

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

72.3960, 73.2476, 104.0884

Protanopia

71.8015, 72.9411, 104.0606

Deuteranopia

74.8578, 73.3397, 104.8183



Tritanopia

70.1684, 73.1328, 92.8558

Trichromacy



Original Color

72.3960, 73.2476, 104.0884

Protanomaly

72.0979, 73.0939, 104.0745

Deuteranomaly

73.8619, 73.2101, 104.8458

Tritanomaly

70.9532, 73.0572, 96.7480

Monochromacy



Original Color

72.3960, 73.2476, 104.0884

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.7914, 73.5552, 88.3084

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.3960, 73.2476, 104.0884 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(218, 220, 254)` looks like.

```
.text, #text, p{  
    color:rgb(218, 220, 254)  
}
```

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(218, 220, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 220, 254) }
```

Border

The CSS property to change the border of an element to XYZ 72.3960, 73.2476, 104.0884 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(218, 220, 254) }
```


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

```
.border{ border-color:rgb(218, 220, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 220, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 220, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 220, 254);  
box-shadow:4px 4px 4px 4px rgb(218, 220,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 72.3960, 73.2476, 104.0884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 220, 254) }
```

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

```
.background{ background-color: rgb(218,  
220, 254) }
```

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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