

Converting Colors

XYZ(72.0190, 72.8920,
105.3419)

Have a look what the booklet for
XYZ(72.0190, 72.8920, 105.3419)
contains.

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Color

**XYZ(71.9621, 73.0053,
104.9064)**

Conversions

Conversions Part 1

Format	Color
Hex	D8DCFF
RGB	216, 220, 255
RGB Percent	85%, 86%, 100%
CMY	0.1529, 0.1372, 0.0000
CMYK	0.15, 0.14, 0.00, 0.00
HSL	234°, 100%, 92%
HSV	234°, 15%, 100%
XYZ	71.9621, 73.0053, 104.9064
YIQ	222.7940, -13.6190, 10.0370

Conversions

Conversions Part 2

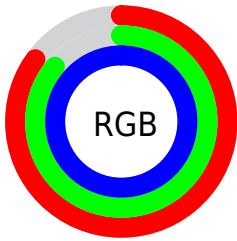
Format	Color
R _Y B	216, 220, 255
Decimal	14212351
CIE Lab	88.45, 5.50, -17.45
CIE LCh	88, 18.294, 287.486
Yxy	73.0053, 0.2880, 0.2922
Android (android.graphics.Color)	4292402431 (0xFFD8DCFF)
YUV	222.7940, 15.8776, -5.9583
Hunter-Lab	85.4431, 0.8112, -12.9856

Details

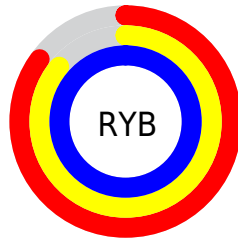
The XYZ color **71.9621, 73.0053, 104.9064** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **88.1314, 95.2109, 78.6999**, and the grayscale version is **69.8926, 73.5325, 80.0769**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.3461, 38.5646, 58.8487** is the 20% darker color. If you saturate the color by 10%, you get **59.4049, 58.2198, 102.7143**, and if you desaturate by 10%, it is **86.5144, 90.0433, 107.4280**.

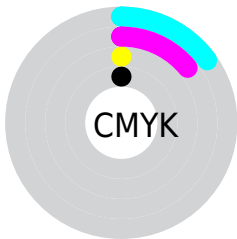
Distribution



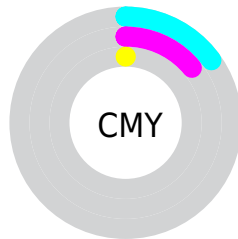
- Red (85%)
- Green (86%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.9621, 73.0053, 104.9064 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 71.9621, 73.0053, 104.9064 by changing the saturation by 10% instead.

■ 71.9621, 73.0053,
104.9064

■ 71.9621, 73.0053,
104.9064

456.5694,
471.0332, 597.1916

■ 53.4131, 53.9803,
79.7647

121.0137,
123.4847, 169.9940

■ 38.3614, 38.5859,
58.9997

152.2471,
155.7080, 210.7770

■ 26.4418, 26.4377,
42.1929

188.4392,
193.0994, 257.6108

■ 17.2889, 17.1514,
28.9257

229.9555,
236.0434, 310.9140

■ 10.5372, 10.3425,
18.7795

277.1613,
284.9244, 371.1052

■ 5.8216, 5.6266,
11.3359

330.4220,

■ 2.7765, 2.6194,

340.1267, 438.6028

6.1762

390.1029,
402.0349, 513.8254

■ 1.0367, 0.9364,
2.8820

■ 0.0000, 0.0000,
1.0347

■ 71.9621, 73.0053,
104.9064

■ 71.9621, 73.0053,
104.9064

■ 59.4049, 58.2198,
102.7143

■ 86.5144, 90.0433,
107.4280

■ 48.7498, 45.5841,
100.8370

95.0500, 100.0000,
108.9000

■ 39.9056, 35.0003,
99.2602

■ 32.7708, 26.3596,
97.9685

■ 27.2341, 19.5431,
96.9445

■ 23.1710, 14.4187,
96.1696

■ 20.4378, 10.8360,
95.6221

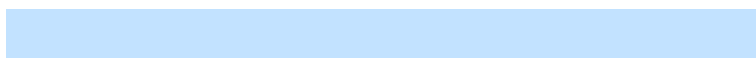
■ 18.8614, 8.6177,
95.2770

■ 18.4232, 7.9664,
95.1744

Harmonies

Analogous

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



67.5727, 73.0053, 105.5622



71.9621, 73.0053, 104.9064



75.8129, 73.0053, 97.0100

Triad

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



71.9621, 73.0053, 104.9064



75.2637, 73.0053, 62.9377



61.4550, 73.0053, 74.3562

Complementary

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



71.9621, 73.0053, 104.9064



88.1314, 95.2109, 78.6999

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.



63.3393, 73.0053, 64.2182



71.9621, 73.0053, 104.9064



71.2383, 73.0053, 58.1090

Square

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



71.9621, 73.0053, 104.9064



77.7737, 73.0053, 72.4313



66.8787, 73.0053, 58.5516



61.6303, 73.0053, 86.9937

Rectangle

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



71.9621, 73.0053, 104.9064



77.5002, 73.0053, 89.1315



66.8787, 73.0053, 58.5516



61.8651, 73.0053, 70.5708

Sweetspot

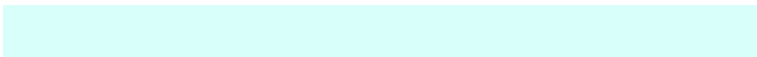
The Sweet Spot groups the original color and five complimentary colors.



71.9641, 73.0082, 104.9068



86.9718, 90.5775, 107.5070



81.4057, 93.0497, 104.4830



18.3815, 19.1140, 22.9705



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.



71.9641, 73.0082, 104.9068



68.3715, 68.7873, 104.2815



75.5459, 73.3139, 104.7770



17.1530, 17.6776, 22.7580



9.6752, 4.2599, 49.7469



0.9893, 0.5094, 4.8594

Inverse Universe

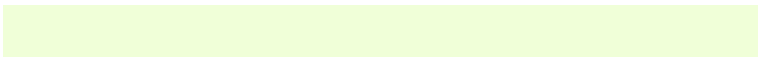
The Inverse Universe completely reimagines the original color for something new.



78.7154, 75.5406, 78.1455



76.1784, 71.7554, 73.3268



84.1075, 95.0122, 78.8737



18.0851, 18.0174, 19.0654



21.6718, 11.1580, 1.6561



2.1340, 1.0960, 0.2869

Previews

White Background



This preview shows how the XYZ color 71.9621, 73.0053, 104.9064 looks on a white background.

Color Contrast Check

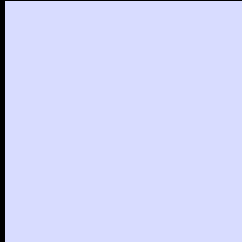
Large Text (above 18pt) WCAG AA × Fail

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 71.9621, 73.0053, 104.9064 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 71.9621, 73.0053, 104.9064

Background



This preview shows how black text looks on a background with the XYZ color 71.9621, 73.0053, 104.9064.

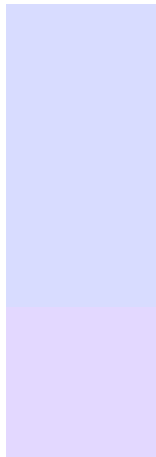


This preview shows how white text looks on a background with the XYZ color 71.9621, 73.0053,

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

71.9621, 73.0053, 104.9064

Protanopia

71.9621, 73.0053, 104.9064

Deuteranopia

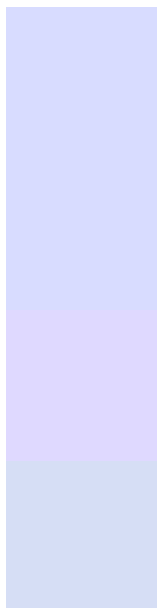
74.2844, 72.6626, 104.7178



Tritanopia

69.5564, 73.2128, 92.9035

Trichromacy



Original Color

71.9621, 73.0053, 104.9064

Protanomaly

71.9621, 73.0053, 104.9064

Deuteranomaly

73.2943, 72.5337, 104.7451

Tritanomaly

70.3343, 73.1313, 96.7949

Monochromacy



Original Color

71.9621, 73.0053, 104.9064

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.6319, 73.4564, 89.0531

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9621, 73.0053, 104.9064 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(216, 220, 255)` looks like.

```
.text, #text, p{  
    color:rgb(216, 220, 255)  
}
```

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(216, 220, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 220, 255) }
```

Border

The CSS property to change the border of an element to XYZ 71.9621, 73.0053, 104.9064 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(216, 220, 255) }
```


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

```
.border{ border-color:rgb(216, 220, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 220, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 220, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 220, 255);  
box-shadow:4px 4px 4px 4px rgb(216, 220,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9621, 73.0053, 104.9064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 220, 255) }
```

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

```
.background{ background-color: rgb(216,  
220, 255) }
```

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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