

Converting Colors

XYZ(85.5331, 79.8673,
164.8858)

Have a look what the booklet for
XYZ(85.5331, 79.8673, 164.8858)
contains.

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Color

**XYZ(74.2565, 75.3675,
105.2414)**

Conversions

Conversions Part 1

Format	Color
Hex	DDDDFF
RGB	221, 223, 255
RGB Percent	87%, 87%, 100%
CMY	0.1333, 0.1255, 0.0000
CMYK	0.13, 0.13, 0.00, 0.00
HSL	236°, 100%, 93%
HSV	236°, 13%, 100%
XYZ	74.2565, 75.3675, 105.2414
YIQ	226.0500, -11.4640, 9.5280

Conversions

Conversions Part 2

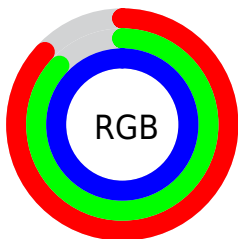
Format	Color
R _Y B	221, 223, 255
Decimal	14540799
CIE Lab	89.56, 5.49, -15.74
CIE LCh	90, 16.665, 289.216
Yxy	75.3675, 0.2914, 0.2957
Android (android.graphics.Color)	4292730879 (0xFFDDDDFFF)
YUV	226.0500, 14.2724, -4.4288
Hunter-Lab	86.8145, 0.7542, -11.1046

Details

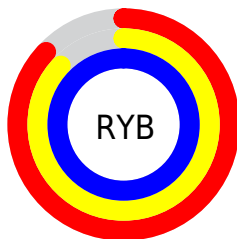
The XYZ color **74.2565, 75.3675, 105.2414** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **89.4160, 96.7296, 82.3663**, and the grayscale version is **72.2327, 75.9944, 82.7579**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9216, 40.1895, 59.0793** is the 20% darker color. If you saturate the color by 10%, you get **61.1108, 59.7392, 102.9177**, and if you desaturate by 10%, it is **89.4942, 93.4272, 107.9241**.

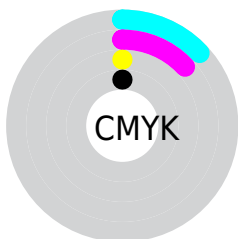
Distribution



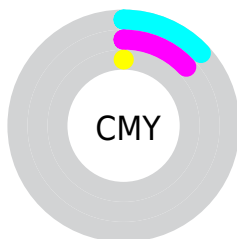
- Red (87%)
- Green (87%)
- Blue (100%)



- Red (87%)
- Yellow (87%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2565, 75.3675, 105.2414 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 74.2565, 75.3675, 105.2414 by changing the saturation by 10% instead.

74.2565, 75.3675,
105.2414

74.2565, 75.3675,
105.2414

464.3948,
479.1798, 598.2592

55.2960, 55.9140,
80.0438

124.2529,
126.8324, 170.4561

39.8736, 40.1340,
59.2280

156.0195,
159.6127, 211.3103

27.6237, 27.6430,
42.3755

192.7856,
197.6040, 258.2204

18.1812, 18.0567,
29.0677

234.9164,
241.1907, 311.6050

11.1807, 10.9907,
18.8860

282.7774,
290.7572, 371.8826

6.2567, 6.0606,
11.4120

336.7339,

3.0439, 2.8820,

346.6880, 439.4719

6.2270

397.1513,
409.3674, 514.7912

■ 1.1770, 1.0704,
2.9126

■ 0.0881, 0.0000,
1.0502

■ 74.2565, 75.3675,
105.2414

■ 74.2565, 75.3675,
105.2414

■ 61.1108, 59.7392,
102.9177

■ 89.4942, 93.4272,
107.9241

■ 49.9598, 46.4297,
100.9364

95.0500, 100.0000,
108.9000

■ 40.7079, 35.3314,
99.2818

■ 33.2491, 26.3242,
97.9364

■ 27.4670, 19.2769,
96.8809

■ 23.2313, 14.0434,
96.0940

■ 20.3926, 10.4571,
95.5513

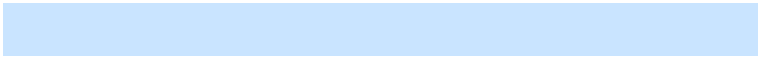
■ 18.7717, 8.3203,
95.2243

■ 18.2211, 7.5622,
95.1070

Harmonies

Analogous

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



70.1720, 75.3675, 106.2573



74.2565, 75.3675, 105.2414



77.7610, 75.3675, 97.6848

Triad

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



74.2565, 75.3675, 105.2414



76.8998, 75.3675, 66.1503



64.1775, 75.3675, 77.9167

Complementary

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



74.2565, 75.3675, 105.2414



89.4160, 96.7296, 82.3663

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.



65.8386, 75.3675, 68.2013



74.2565, 75.3675, 105.2414



73.1173, 75.3675, 61.8509

Square

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



74.2565, 75.3675, 105.2414



79.3269, 75.3675, 74.8645



69.0751, 75.3675, 62.5641



64.4563, 75.3675, 89.7075

Rectangle

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



74.2565, 75.3675, 105.2414



79.2481, 75.3675, 90.3237



69.0751, 75.3675, 62.5641



64.5250, 75.3675, 74.3208

Sweetspot

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



74.2585, 75.3705, 105.2419



88.4102, 92.1441, 107.7336



83.2667, 93.9674, 106.4550



18.6645, 19.4161, 23.0139



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.



74.2585, 75.3705, 105.2419



70.5507, 70.9676, 104.5874



78.4112, 76.7217, 105.2838



17.0889, 17.5493, 22.7366



9.5542, 4.0181, 49.7066



0.9591, 0.4488, 4.8494

Inverse Universe

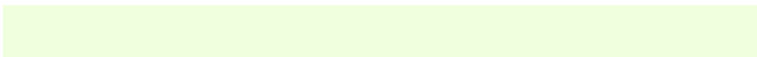
The Inverse Universe completely reimagines the original color for something new.



80.4171, 78.3022, 80.6909



77.8100, 74.4436, 75.6434



84.8376, 95.3127, 82.3341



18.0527, 18.0044, 18.8949



21.6107, 11.1336, 1.3347



2.1187, 1.0899, 0.2065

Previews

White Background



This preview shows how the XYZ color 74.2565, 75.3675, 105.2414 looks on a white background.

Color Contrast Check

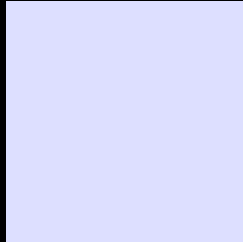
Large Text (above 18pt) WCAG AA × Fail

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 74.2565, 75.3675, 105.2414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

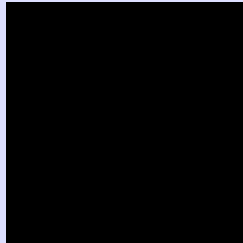
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.2565, 75.3675, 105.2414

Background



This preview shows how black text looks on a background with the XYZ color 74.2565, 75.3675, 105.2414.



This preview shows how white text looks on a background with the XYZ color 74.2565, 75.3675,

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

74.2565, 75.3675, 105.2414

Protanopia

73.9529, 75.2110, 105.2272

Deuteranopia

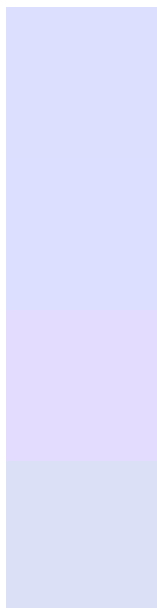
76.6602, 75.0388, 105.0513



Tritanopia

72.3163, 75.3816, 95.5326

Trichromacy



Original Color

74.2565, 75.3675, 105.2414

Protanomaly

73.9529, 75.2110, 105.2272

Deuteranomaly

75.6381, 74.9004, 105.0784

Tritanomaly

72.9594, 75.2424, 98.6735

Monochromacy



Original Color

74.2565, 75.3675, 105.2414

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.9517, 75.8121, 90.9090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2565, 75.3675, 105.2414 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(221, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(221, 223, 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(221, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 223, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.2565, 75.3675, 105.2414 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(221, 223, 255) }
```


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

```
.border{ border-color:rgb(221, 223, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 223, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(221, 223,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2565, 75.3675, 105.2414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 223, 255) }
```

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

```
.background{ background-color: rgb(221,  
223, 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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