

Converting Colors

XYZ(78.7139, 77.4560,
131.8637)

Have a look what the booklet for
XYZ(78.7139, 77.4560, 131.8637)
contains.

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Color

**XYZ(73.6191, 75.4367,
105.2883)**

Conversions

Conversions Part 1

Format	Color
Hex	DAE0FF
RGB	218, 224, 255
RGB Percent	85%, 88%, 100%
CMY	0.1451, 0.1215, 0.0000
CMYK	0.15, 0.12, 0.00, 0.00
HSL	230°, 100%, 93%
HSV	230°, 15%, 100%
XYZ	73.6191, 75.4367, 105.2883
YIQ	225.7400, -13.5270, 8.3690

Conversions

Conversions Part 2

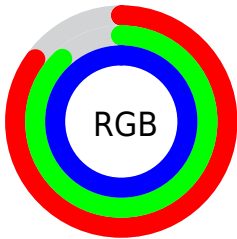
Format	Color
R _Y B	218, 223, 255
Decimal	14344447
CIE Lab	89.60, 4.02, -15.71
CIE LCh	90, 16.218, 284.368
Yxy	75.4367, 0.2894, 0.2966
Android (android.graphics.Color)	4292534527 (0xFFDAE0FF)
YUV	225.7400, 14.4252, -6.7880
Hunter-Lab	86.8543, -0.6956, -11.0757

Details

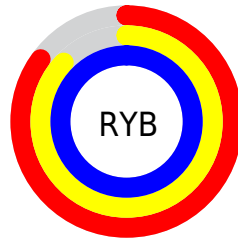
The XYZ color **73.6191, 75.4367, 105.2883** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.7702, 94.0720, 79.8631**, and the grayscale version is **72.0089, 75.7590, 82.5015**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4853, 40.2397, 59.1120** is the 20% darker color. If you saturate the color by 10%, you get **61.1872, 61.0351, 103.1638**, and if you desaturate by 10%, it is **87.9496, 91.8918, 107.7092**.

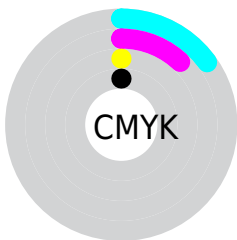
Distribution



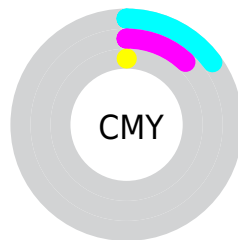
- Red (85%)
- Green (88%)
- Blue (100%)



- Red (85%)
- Yellow (87%)
- Blue (100%)



- Cyan (15%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.6191, 75.4367, 105.2883 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 73.6191, 75.4367, 105.2883 by changing the saturation by 10% instead.

■ 73.6191, 75.4367,
105.2883

■ 73.6191, 75.4367,
105.2883

462.2284,
479.4172, 598.4085

■ 54.7725, 55.9707,
80.0829

123.3541,
126.9303, 170.5208

■ 39.4527, 40.1795,
59.2600

154.9732,
159.7268, 211.3849

■ 27.2944, 27.6785,
42.4011

191.5806,
197.7355, 258.3057

■ 17.9322, 18.0834,
29.0876

233.5416,
241.3409, 311.7017

■ 11.0007, 11.0099,
18.9009

281.2215,
290.9274, 371.9914

■ 6.1346, 6.0735,
11.4226

334.9857,

■ 2.9685, 2.8898,

346.8794, 439.5935

6.2341

395.1995,
409.5812, 514.9263

■ 1.1371, 1.0745,
2.9169

■ 0.0559, 0.0000,
1.0523

■ 73.6191, 75.4367,
105.2883

■ 73.6191, 75.4367,
105.2883

■ 61.1872, 61.0351,
103.1638

■ 87.9496, 91.8918,
107.7092

■ 50.5675, 48.5971,
101.3227

95.0500, 100.0000,
108.9000

■ 41.6764, 38.0394,
99.7535

■ 34.4208, 29.2692,
98.4431

■ 28.6990, 22.1859,
97.3774

■ 24.3973, 16.6781,
96.5411

■ 21.3857, 12.6210,
95.9167

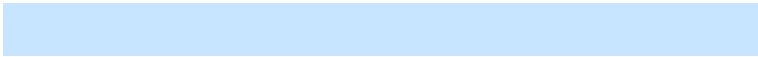
■ 19.5089, 9.8688,
95.4844

■ 18.8558, 8.8316,
95.3186

Harmonies

Analogous

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



69.6550, 75.4367, 105.1406



73.6191, 75.4367, 105.2883



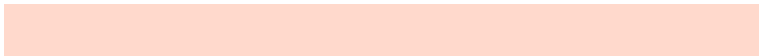
77.1943, 75.4367, 98.8489

Triad

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



73.6191, 75.4367, 105.2883



77.3198, 75.4367, 67.7253



64.5700, 75.4367, 76.3642

Complementary

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



73.6191, 75.4367, 105.2883



87.7702, 94.0720, 79.8631

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.



66.4734, 75.4367, 67.4248



73.6191, 75.4367, 105.2883



73.7853, 75.4367, 62.7614

Square

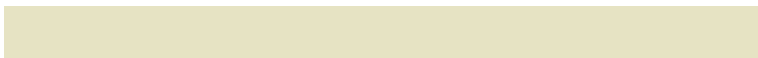
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.6191, 75.4367, 105.2883



79.3840, 75.4367, 76.8103



69.8152, 75.4367, 62.6568



64.5292, 75.4367, 87.7060

Rectangle

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



73.6191, 75.4367, 105.2883



78.8346, 75.4367, 92.0033



69.8152, 75.4367, 62.6568



65.0100, 75.4367, 73.0039

Sweetspot

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



73.6212, 75.4397, 105.2888



88.7307, 92.7851, 107.8404



81.7472, 93.2550, 103.1781



18.7452, 19.5776, 23.0408



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.



73.6212, 75.4397, 105.2888



70.3495, 71.6629, 104.7322



75.8628, 74.2426, 104.9396



17.2410, 17.8536, 22.7873



9.9222, 4.7540, 49.8292



1.0306, 0.5919, 4.8732

Inverse Universe

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



79.7673, 76.7862, 81.1415



77.4406, 73.2700, 76.8602



85.2627, 95.5777, 80.2859



18.1295, 18.0351, 19.2993



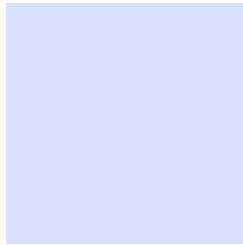
21.7965, 11.2079, 2.3128



2.1548, 1.1043, 0.3966

Previews

White Background



This preview shows how the XYZ color 73.6191, 75.4367, 105.2883 looks on a white background.

Color Contrast Check

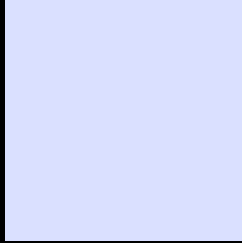
Large Text (above 18pt) WCAG AA × Fail

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 73.6191, 75.4367, 105.2883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

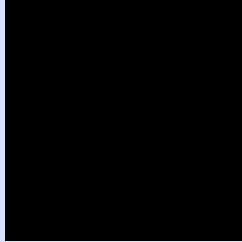
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.6191, 75.4367, 105.2883

Background



This preview shows how black text looks on a background with the XYZ color 73.6191, 75.4367, 105.2883.

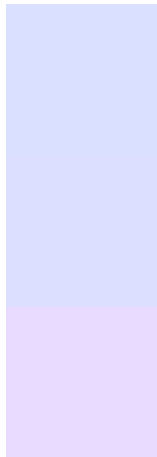


This preview shows how white text looks on a background with the XYZ color 73.6191, 75.4367,

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

73.6191, 75.4367, 105.2883

Protanopia

73.9529, 75.2110, 105.2272

Deuteranopia

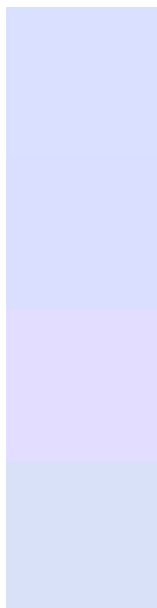
76.6602, 75.0388, 105.0513



Tritanopia

71.8444, 75.5233, 96.3788

Trichromacy



Original Color

73.6191, 75.4367, 105.2883

Protanomaly

73.6511, 75.0554, 105.2131

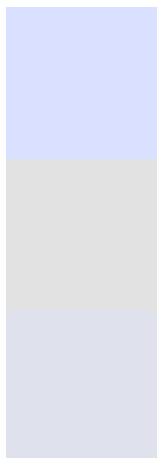
Deuteranomaly

75.5850, 75.2638, 105.1513

Tritanomaly

72.4838, 75.3795, 99.5363

Monochromacy



Original Color

73.6191, 75.4367, 105.2883

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.6427, 75.6528, 90.8945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6191, 75.4367, 105.2883 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, 224, 255)` looks like.

```
.text, #text, p{  
    color:rgb(218, 224, 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(218, 224, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 224, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.6191, 75.4367, 105.2883 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, 224, 255) }
```


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

```
.border{ border-color:rgb(218, 224, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 224, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 224, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 224, 255);  
box-shadow:4px 4px 4px 4px rgb(218, 224,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6191, 75.4367, 105.2883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 224, 255) }
```

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

```
.background{ background-color: rgb(218,  
224, 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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