

Converting Colors

XYZ(73.3836, 75.9337,
105.3967)

Have a look what the booklet for
XYZ(73.3836, 75.9337, 105.3967)
contains.

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Color

**XYZ(73.5653, 76.2116,
105.4408)**

Conversions

Conversions Part 1

Format	Color
Hex	D8E2FF
RGB	216, 226, 255
RGB Percent	85%, 89%, 100%
CMY	0.1529, 0.1137, 0.0000
CMYK	0.15, 0.11, 0.00, 0.00
HSL	225°, 100%, 92%
HSV	225°, 15%, 100%
XYZ	73.5653, 76.2116, 105.4408
YIQ	226.3160, -15.2690, 6.8990

Conversions

Conversions Part 2

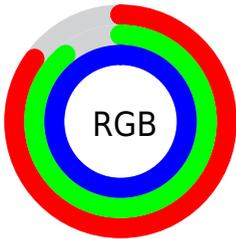
Format	Color
R _Y B	216, 224, 255
Decimal	14213887
CIE Lab	89.96, 2.36, -15.18
CIE LCh	90, 15.367, 278.832
Yxy	76.2116, 0.2882, 0.2986
Android (android.graphics.Color)	4292403967 (0xFFD8E2FF)
YUV	226.3160, 14.1412, -9.0471
Hunter-Lab	87.2993, -2.3554, -10.5015

Details

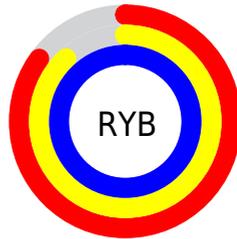
The XYZ color **73.5653, 76.2116, 105.4408** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.2868, 91.5216, 78.0852**, and the grayscale version is **72.4279, 76.1998, 82.9816**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4539, 40.7801, 59.2180** is the 20% darker color. If you saturate the color by 10%, you get **61.7347, 62.8795, 103.4909**, and if you desaturate by 10%, it is **87.1391, 91.2927, 107.6363**.

Distribution



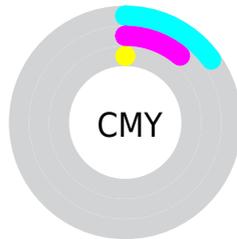
- Red (85%)
- Green (89%)
- Blue (100%)



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



- Cyan (15%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.5653, 76.2116, 105.4408 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 73.5653, 76.2116, 105.4408 by changing the saturation by 10% instead.

■ 73.5653, 76.2116,
105.4408

■ 73.5653, 76.2116,
105.4408

462.0452,
482.0717, 598.8941

■ 54.7283, 56.6060,
80.2100

123.2782,
128.0260, 170.7311

■ 39.4173, 40.6890,
59.3640

154.8849,
161.0036, 211.6276

■ 27.2667, 28.0762,
42.4842

191.4788,
199.2073, 258.5831

■ 17.9112, 18.3831,
29.1523

233.4254,
243.0215, 312.0161

■ 10.9856, 11.2254,
18.9495

281.0900,
292.8307, 372.3451

■ 6.1244, 6.2186,
11.4573

334.8379,

■ 2.9622, 2.9785,

349.0192, 439.9888

6.2573

395.0345,
411.9714, 515.3656

■ 1.1338, 1.1205,
2.9309

■ 0.0531, 0.0000,
1.0594

■ 73.5653, 76.2116,
105.4408

■ 73.5653, 76.2116,
105.4408

■ 61.7347, 62.8795,
103.4909

■ 87.1391, 91.2927,
107.6363

■ 51.5691, 51.2225,
101.7767

95.0500, 100.0000,
108.9000

■ 42.9930, 41.1751,
100.2893

■ 35.9226, 32.6633,
99.0191

■ 30.2663, 25.6074,
97.9553

■ 25.9215, 19.9197,
97.0864

■ 22.7707, 15.5018,
96.3997

■ 20.6723, 12.2395,
95.8807

■ 19.9635, 11.0470,
95.6878

Harmonies

Analogous

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



69.8285, 76.2116, 104.0805



73.5653, 76.2116, 105.4408



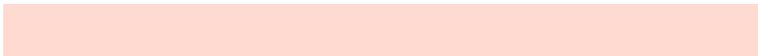
77.1190, 76.2116, 100.3857

Triad

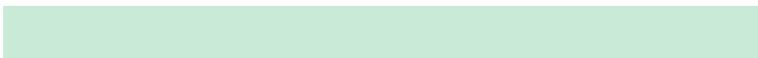
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.5653, 76.2116, 105.4408



78.2831, 76.2116, 70.5315



65.8302, 76.2116, 75.6474

Complementary

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



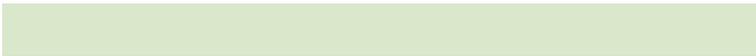
73.5653, 76.2116, 105.4408



86.2868, 91.5216, 78.0852

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.



67.9482, 76.2116, 67.7149



73.5653, 76.2116, 105.4408



75.1093, 76.2116, 64.9459

Square

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



73.5653, 76.2116, 105.4408



79.9047, 76.2116, 79.8076



71.3200, 76.2116, 63.9619



65.4494, 76.2116, 86.2384

Rectangle

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



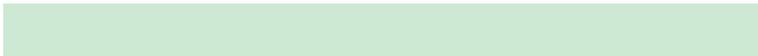
73.5653, 76.2116, 105.4408



78.8750, 76.2116, 94.2976



71.3200, 76.2116, 63.9619



66.3589, 76.2116, 72.6090

Sweetspot

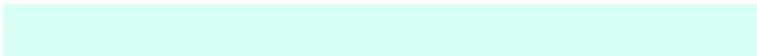
The Sweet Spot groups the original color and five complimentary colors.



73.5674, 76.2147, 105.4412



87.5638, 91.7615, 107.7044



80.5002, 92.6875, 99.7146



18.5249, 19.4007, 23.0183



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.



73.5674, 76.2147, 105.4412



70.1956, 72.4355, 104.8895



73.6897, 72.3571, 104.6902



17.3816, 18.1349, 22.8342



10.5320, 5.9736, 50.0325



1.1088, 0.7484, 4.8993

Inverse Universe

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



79.5247, 75.8644, 82.4068



77.0992, 72.1237, 78.1753



86.1262, 96.0529, 78.9683



18.2005, 18.0635, 19.6732



22.1043, 11.3310, 3.9336



2.1943, 1.1201, 0.6046

Previews

White Background



This preview shows how the XYZ color 73.5653, 76.2116, 105.4408 looks on a white background.

Color Contrast Check

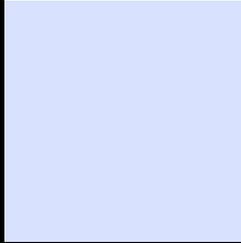
Large Text (above 18pt) WCAG AA × Fail

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 73.5653, 76.2116, 105.4408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

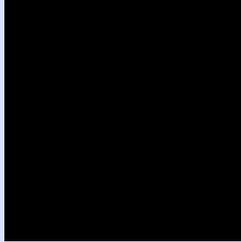
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.5653, 76.2116, 105.4408

Background



This preview shows how black text looks on a background with the XYZ color 73.5653, 76.2116, 105.4408.



This preview shows how white text looks on a background with the XYZ color 73.5653, 76.2116,

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

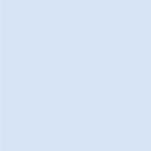
73.5653, 76.2116, 105.4408

Protanopia

74.6692, 75.9967, 104.4993

Deuteranopia

77.5749, 75.8988, 105.1690



Tritanopia

72.1095, 76.4368, 98.1420

Trichromacy



Original Color

73.5653, 76.2116, 105.4408

Protanomaly

74.3298, 76.2218, 104.5606

Deuteranomaly

75.8498, 75.7934, 105.2396

Tritanomaly

72.5923, 76.2248, 100.5094

Monochromacy



Original Color

73.5653, 76.2116, 105.4408

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.6066, 76.0367, 90.9705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5653, 76.2116, 105.4408 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, 226, 255)` looks like.

```
.text, #text, p{  
    color:rgb(216, 226, 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, 226, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 226, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.5653, 76.2116, 105.4408 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, 226, 255) }
```


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

```
.border{ border-color:rgb(216, 226, 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, 226, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 226, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 226, 255);  
box-shadow:4px 4px 4px 4px rgb(216, 226,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5653, 76.2116, 105.4408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 226, 255) }
```

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

```
.background{ background-color: rgb(216,  
226, 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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