

Converting Colors

XYZ(73.9770, 79.4037,
105.2096)

Have a look what the booklet for
XYZ(73.9770, 79.4037, 105.2096)
contains.

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Color

**XYZ(73.8923, 79.2825,
105.1744)**

Conversions

Conversions Part 1

Format	Color
Hex	D3E9FE
RGB	211, 233, 254
RGB Percent	83%, 91%, 100%
CMY	0.1725, 0.0863, 0.0039
CMYK	0.17, 0.08, 0.00, 0.00
HSL	209°, 96%, 91%
HSV	209°, 17%, 100%
XYZ	73.8923, 79.2825, 105.1744
YIQ	228.8160, -19.8530, 1.8670

Conversions

Conversions Part 2

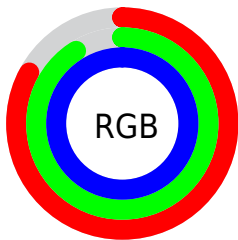
Format	Color
R _Y B	211, 226, 254
Decimal	13887998
CIE Lab	91.36, -3.02, -12.60
CIE LCh	91, 12.952, 256.539
Yxy	79.2825, 0.2860, 0.3069
Android (android.graphics.Color)	4292078078 (0xFFD3E9FE)
YUV	228.8160, 12.4157, -15.6246
Hunter-Lab	89.0407, -7.6893, -7.7045

Details

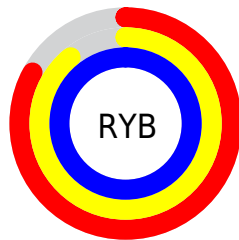
The XYZ color **73.8923, 79.2825, 105.1744** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.4881, 83.4871, 73.4495**, and the grayscale version is **74.2650, 78.1326, 85.0864**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5105, 42.5434, 58.9526** is the 20% darker color. If you saturate the color by 10%, you get **63.7944, 69.0482, 103.7325**, and if you desaturate by 10%, it is **85.3916, 90.6097, 106.7560**.

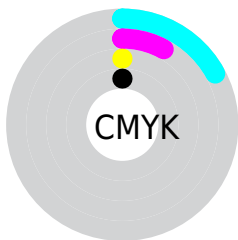
Distribution



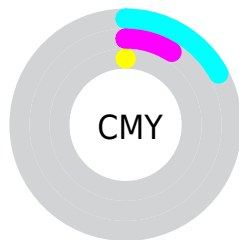
- Red (83%)
- Green (91%)
- Blue (100%)



- Red (83%)
- Yellow (89%)
- Blue (100%)



- Cyan (17%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8923, 79.2825, 105.1744 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 73.8923, 79.2825, 105.1744 by changing the saturation by 10% instead.

73.8923, 79.2825,
105.1744

73.8923, 79.2825,
105.1744

463.1576,
492.5115, 598.0457

54.9969, 59.1281,
79.9880

123.7394,
132.3565, 170.3637

39.6330, 42.7163,
59.1824

155.4219,
166.0449, 211.2036

27.4355, 29.6625,
42.3390

192.0973,
205.0134, 258.0985

18.0388, 19.5826,
29.0393

234.1312,
249.6464, 311.4668

11.0777, 12.0920,
18.8647

281.8888,
300.3283, 371.7272

6.1868, 6.8064,
11.3967

335.7355,

3.0007, 3.3413,

357.4436, 439.2981

6.2168

396.0366,
421.3765, 514.5981

■ 1.1542, 1.3124,
2.9065

■ 0.0697, 0.1508,
1.0471

■ 73.8923, 79.2825,
105.1744

■ 73.8923, 79.2825,
105.1744

■ 63.7944, 69.0482,
103.7325

■ 85.3916, 90.6097,
106.7560

■ 55.0317, 59.8592,
102.4207

94.8896, 99.9359,
108.0555

■ 47.5435, 51.6783,
101.2363

■ 41.2606, 44.4620,
100.1745

■ 36.1070, 38.1628,
99.2303

■ 31.9970, 32.7280,
98.3979

■ 28.8306, 28.0971,
97.6709

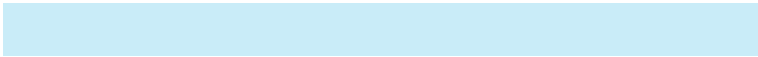
■ 26.4822, 24.1960,
97.0417

■ 25.8685, 23.1136,
96.8651

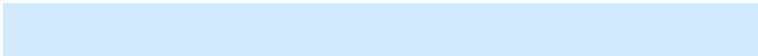
Harmonies

Analogous

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



71.0866, 79.2825, 100.1571



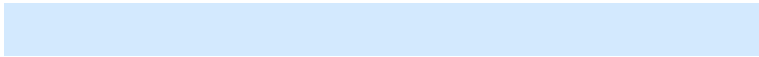
73.8923, 79.2825, 105.1744



77.1711, 79.2825, 104.8874

Triad

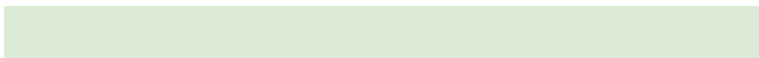
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.8923, 79.2825, 105.1744



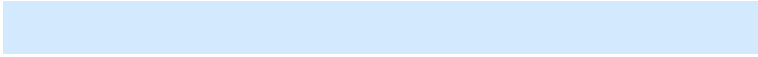
81.5853, 79.2825, 81.2690



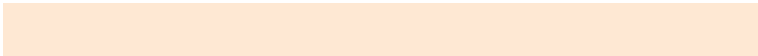
70.8558, 79.2825, 74.4509

Complementary

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



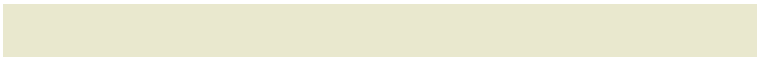
73.8923, 79.2825, 105.1744



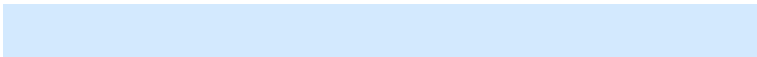
81.4881, 83.4871, 73.4495

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.



73.5688, 79.2825, 70.0933



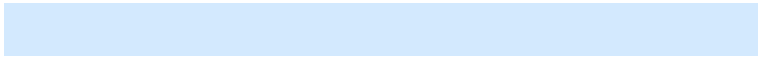
73.8923, 79.2825, 105.1744



79.7922, 79.2825, 73.8292

Square

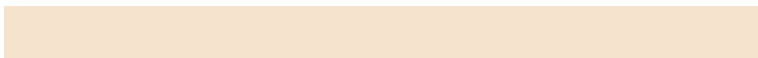
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.8923, 79.2825, 105.1744



81.6780, 79.2825, 90.6126



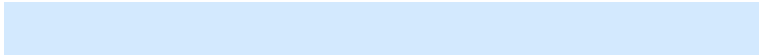
76.8382, 79.2825, 69.8743



69.3682, 79.2825, 82.1752

Rectangle

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



73.8923, 79.2825, 105.1744



79.1858, 79.2825, 101.7181



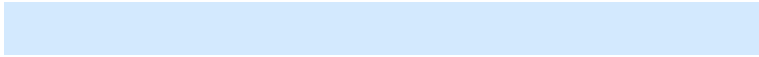
76.8382, 79.2825, 69.8743



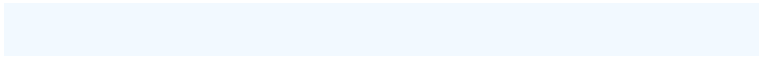
71.6511, 79.2825, 72.5692

Sweetspot

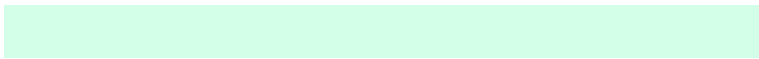
The Sweet Spot groups the original color and five complimentary colors.



73.8947, 79.2858, 105.1762



88.5597, 93.7533, 108.0363



76.8420, 90.5478, 89.6117



18.7666, 19.8841, 23.0989



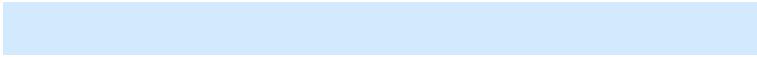
0.0000, 0.0000, 0.0000



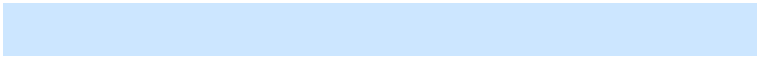
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.8947, 79.2858, 105.1762



71.2755, 76.7047, 105.6566



68.2277, 67.9518, 103.2872



17.7716, 18.9148, 22.9642



13.7863, 12.4822, 51.1173



1.4517, 1.4341, 5.0136

Inverse Universe

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



78.8772, 73.5444, 87.1327



77.1294, 70.1643, 84.4119



87.8471, 96.2049, 75.5691



18.3974, 18.1423, 20.7096



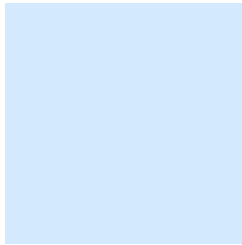
23.7469, 11.9880, 12.5835



2.3674, 1.1893, 1.5159

Previews

White Background



This preview shows how the XYZ color 73.8923, 79.2825, 105.1744 looks on a white background.

Color Contrast Check

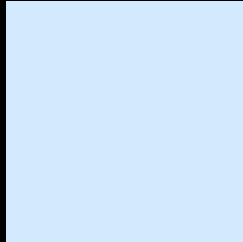
Large Text (above 18pt) WCAG AA × Fail

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 73.8923, 79.2825, 105.1744 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

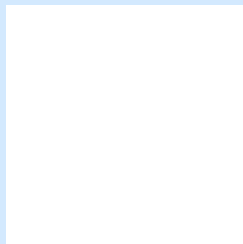
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.8923, 79.2825, 105.1744

Background



This preview shows how black text looks on a background with the XYZ color 73.8923, 79.2825, 105.1744.



This preview shows how white text looks on a background with the XYZ color 73.8923, 79.2825,

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

73.8923, 79.2825, 105.1744

Protanopia

77.1509, 78.9458, 102.4386

Deuteranopia

80.6408, 79.0566, 105.6170



Tritanopia

73.5736, 79.1550, 103.4962

Trichromacy



Original Color

73.8923, 79.2825, 105.1744

Protanomaly

75.9917, 79.1515, 103.3680

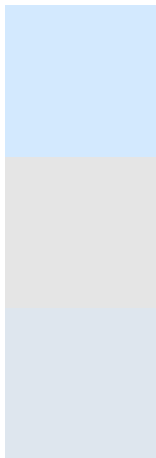
Deuteranomaly

77.8322, 78.8162, 105.7186

Tritanomaly

73.7325, 79.2186, 104.3331

Monochromacy



Original Color

73.8923, 79.2825, 105.1744

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

73.8536, 78.2963, 92.1091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8923, 79.2825, 105.1744 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(211, 233, 254)` looks like.

```
.text, #text, p{  
    color:rgb(211, 233, 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(211, 233, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 233, 254) }
```

Border

The CSS property to change the border of an element to XYZ 73.8923, 79.2825, 105.1744 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(211, 233, 254) }
```


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

```
.border{ border-color:rgb(211, 233, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 233, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 233, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 233, 254);  
box-shadow:4px 4px 4px 4px rgb(211, 233,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8923, 79.2825, 105.1744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 233, 254) }
```

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

```
.background{ background-color: rgb(211,  
233, 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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