

Converting Colors

XYZ(75.3788, 78.3768,
105.7631)

Have a look what the booklet for
XYZ(75.3788, 78.3768, 105.7631)
contains.

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Color

**XYZ(75.2827, 78.3187,
105.7569)**

Conversions

Conversions Part 1

Format	Color
Hex	DBE5FF
RGB	219, 229, 255
RGB Percent	86%, 90%, 100%
CMY	0.1412, 0.1019, 0.0000
CMYK	0.14, 0.10, 0.00, 0.00
HSL	223°, 100%, 93%
HSV	223°, 14%, 100%
XYZ	75.2827, 78.3187, 105.7569
YIQ	228.9740, -14.3060, 5.9660

Conversions

Conversions Part 2

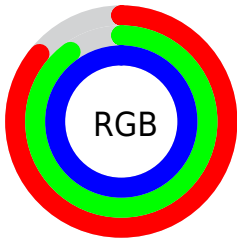
Format	Color
R _Y B	219, 227, 255
Decimal	14411263
CIE Lab	90.93, 1.73, -13.71
CIE LCh	91, 13.823, 277.204
Yxy	78.3187, 0.2903, 0.3020
Android (android.graphics.Color)	4292601343 (0xFFDBE5FF)
YUV	228.9740, 12.8308, -8.7472
Hunter-Lab	88.4979, -3.0262, -8.9044

Details

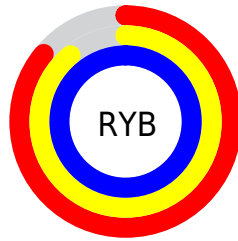
The XYZ color **75.2827, 78.3187, 105.7569** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.6780, 91.6777, 80.1465**, and the grayscale version is **74.3750, 78.2483, 85.2124**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6389, 42.2418, 59.4377** is the 20% darker color. If you saturate the color by 10%, you get **63.3633, 65.0091, 103.8161**, and if you desaturate by 10%, it is **88.9219, 93.3213, 107.9339**.

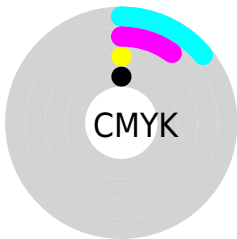
Distribution



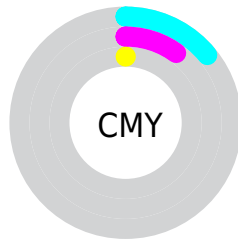
- Red (86%)
- Green (90%)
- Blue (100%)



- Red (86%)
- Yellow (89%)
- Blue (100%)



- Cyan (14%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.2827, 78.3187, 105.7569 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 75.2827, 78.3187, 105.7569 by changing the saturation by 10% instead.

■ 75.2827, 78.3187,
105.7569

■ 75.2827, 78.3187,
105.7569

467.8709,
489.2485, 599.8999

■ 56.1395, 58.3358,
80.4734

125.6982,
130.9993, 171.1669

■ 40.5522, 42.0787,
59.5795

157.7013,
164.4658, 212.1304

■ 28.1555, 29.1629,
42.6568

194.7216,
203.1956, 259.1578

■ 18.5840, 19.2041,
29.2865

237.1247,
247.5732, 312.6674

■ 11.4723, 11.8178,
19.0502

285.2758,
297.9828, 373.0779

■ 6.4551, 6.6198,
11.5294

339.5403,

■ 3.1670, 3.2255,

354.8090, 440.8078

6.3055

400.2835,
418.4361, 516.2756

■ 1.2427, 1.2505,
2.9599

■ 0.1397, 0.1024,
1.0742

■ 75.2827, 78.3187,
105.7569

■ 75.2827, 78.3187,
105.7569

■ 63.3633, 65.0091,
103.8161

■ 88.9219, 93.3213,
107.9339

■ 53.0874, 53.3220,
102.1019

95.0500, 100.0000,
108.9000

■ 44.3819, 43.1957,
100.6062

■ 37.1658, 34.5608,
99.3198

■ 31.3504, 27.3423,
98.2330

■ 26.8367, 21.4580,
97.3351

■ 23.5120, 16.8159,
96.6143

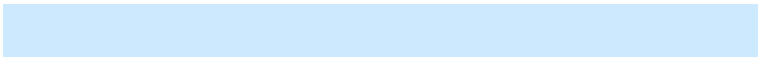
■ 21.2411, 13.3097,
96.0572

■ 20.2942, 11.7084,
95.7981

Harmonies

Analogous

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



71.8746, 78.3187, 104.2099



75.2827, 78.3187, 105.7569



78.5633, 78.3187, 101.4843

Triad

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



75.2827, 78.3187, 105.7569



79.9027, 78.3187, 74.1951



68.4341, 78.3187, 78.0577

Complementary

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



75.2827, 78.3187, 105.7569



86.6780, 91.6777, 80.1465

Split Complementary

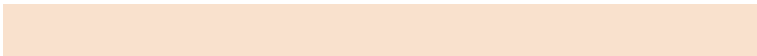
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.4627, 78.3187, 70.8920



75.2827, 78.3187, 105.7569



77.0649, 78.3187, 68.7863

Square

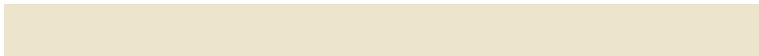
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.2827, 78.3187, 105.7569



81.2841, 78.3187, 82.8927



73.6028, 78.3187, 67.6259



67.9905, 78.3187, 87.7040

Rectangle

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



75.2827, 78.3187, 105.7569



80.2129, 78.3187, 96.0931



73.6028, 78.3187, 67.6259



68.9501, 78.3187, 75.3023

Sweetspot

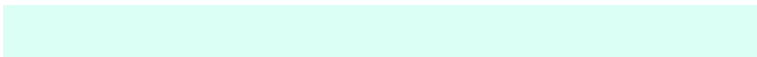
The Sweet Spot groups the original color and five complimentary colors.



75.2848, 78.3219, 105.7574



89.0915, 93.5067, 107.9607



81.4251, 93.1608, 99.9170



18.8362, 19.7596, 23.0712



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.



75.2848, 78.3219, 105.7574



71.6746, 74.3130, 105.1739



74.9982, 74.1829, 104.9736



17.4138, 18.1992, 22.8449



10.7112, 6.3319, 50.0922



1.1300, 0.7907, 4.9063

Inverse Universe

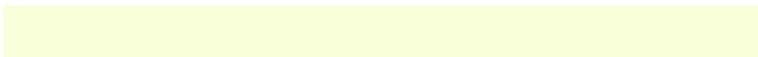
The Inverse Universe completely reimagines the original color for something new.



80.7157, 77.5816, 84.8530



78.1094, 73.5375, 80.3823



86.9750, 96.4452, 81.0511



18.2168, 18.0700, 19.7587



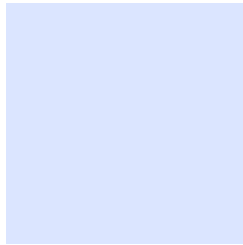
22.1947, 11.3672, 4.4098



2.2050, 1.1244, 0.6609

Previews

White Background



This preview shows how the XYZ color 75.2827, 78.3187, 105.7569 looks on a white background.

Color Contrast Check

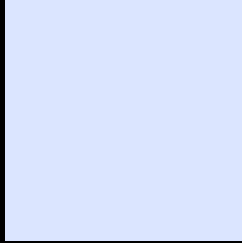
Large Text (above 18pt) WCAG AA × Fail

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 75.2827, 78.3187, 105.7569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

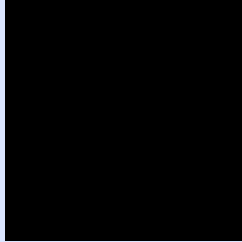
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.2827, 78.3187, 105.7569

Background



This preview shows how black text looks on a background with the XYZ color 75.2827, 78.3187, 105.7569.



This preview shows how white text looks on a background with the XYZ color 75.2827, 78.3187,

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

75.2827, 78.3187, 105.7569

Protanopia

76.4098, 78.1015, 104.8138

Deuteranopia

79.6976, 78.1725, 105.4960



Tritanopia

74.1535, 78.2764, 100.0075

Trichromacy



Original Color

75.2827, 78.3187, 105.7569

Protanomaly

76.0642, 78.3305, 104.8762

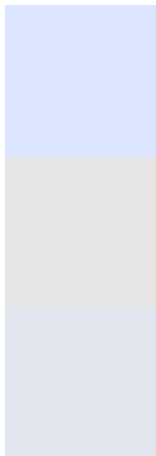
Deuteranomaly

77.9302, 78.0594, 105.5673

Tritanomaly

74.6228, 78.4641, 102.4788

Monochromacy



Original Color

75.2827, 78.3187, 105.7569

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.5033, 78.2192, 92.0600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2827, 78.3187, 105.7569 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(219, 229, 255)` looks like.

```
.text, #text, p{  
    color:rgb(219, 229, 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(219, 229, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 229, 255) }
```

Border

The CSS property to change the border of an element to XYZ 75.2827, 78.3187, 105.7569 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(219, 229, 255) }
```


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

```
.border{ border-color:rgb(219, 229, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 229, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 229, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 229, 255); box-shadow:4px 4px 4px 4px rgb(219, 229, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2827, 78.3187, 105.7569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 229, 255) }
```

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

```
.background{ background-color: rgb(219,  
229, 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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