

Converting Colors

XYZ(72.0626, 75.0891,
105.3033)

Have a look what the booklet for
XYZ(72.0626, 75.0891, 105.3033)
contains.

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Color

**XYZ(72.1266, 75.0675,
105.2957)**

Conversions

Conversions Part 1

Format	Color
Hex	D4E1FF
RGB	212, 225, 255
RGB Percent	83%, 88%, 100%
CMY	0.1686, 0.1176, 0.0000
CMYK	0.17, 0.12, 0.00, 0.00
HSL	222°, 100%, 92%
HSV	222°, 17%, 100%
XYZ	72.1266, 75.0675, 105.2957
YIQ	224.5330, -17.3780, 6.5740

Conversions

Conversions Part 2

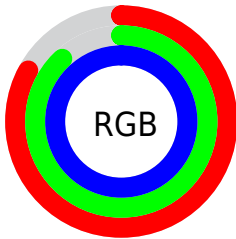
Format	Color
R _Y B	212, 222, 255
Decimal	13951487
CIE Lab	89.42, 1.64, -16.01
CIE LCh	89, 16.097, 275.862
Yxy	75.0675, 0.2857, 0.2973
Android (android.graphics.Color)	4292141567 (0xFFD4E1FF)
YUV	224.5330, 15.0202, -10.9914
Hunter-Lab	86.6415, -3.0264, -11.4063

Details

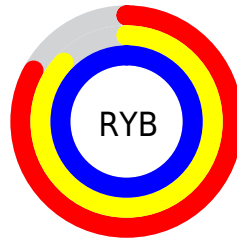
The XYZ color **72.1266, 75.0675, 105.2957** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.8754, 89.5165, 75.0940**, and the grayscale version is **71.1394, 74.8442, 81.5053**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.4724, 39.9948, 59.1181** is the 20% darker color. If you saturate the color by 10%, you get **60.7872, 62.4526, 103.4585**, and if you desaturate by 10%, it is **85.1320, 89.2890, 107.3553**.

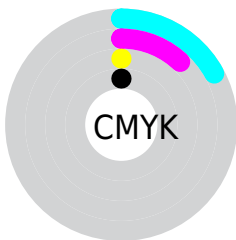
Distribution



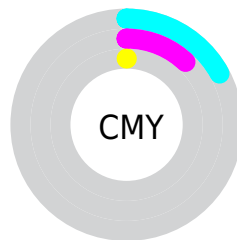
- Red (83%)
- Green (88%)
- Blue (100%)



- Red (83%)
- Yellow (87%)
- Blue (100%)



- Cyan (17%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.1266, 75.0675, 105.2957 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 72.1266, 75.0675, 105.2957 by changing the saturation by 10% instead.

■ 72.1266, 75.0675,
105.2957

■ 72.1266, 75.0675,
105.2957

457.1329,
478.1495, 598.4321

■ 53.5479, 55.6682,
80.0891

121.2463,
126.4079, 170.5310

■ 38.4696, 39.9370,
59.2651

152.5181,
159.1178, 211.3967

■ 26.5262, 27.4894,
42.4051

188.7516,
197.0333, 258.3192

■ 17.3525, 17.9411,
29.0907

230.3123,
240.5389, 311.7170

■ 10.5830, 10.9077,
18.9033

277.5654,
290.0189, 372.0086

■ 5.8524, 6.0048,
11.4243

330.8763,

■ 2.7953, 2.8480,

345.8578, 439.6127

6.2352

390.6103,
408.4398, 514.9476

■ 1.0465, 1.0529,
2.9176

■ 0.0000, 0.0000,
1.0527

■ 72.1266, 75.0675,
105.2957

■ 72.1266, 75.0675,
105.2957

■ 60.7872, 62.4526,
103.4585

■ 85.1320, 89.2890,
107.3553

■ 51.0381, 51.3766,
101.8344

95.0500, 100.0000,
108.9000

■ 42.8065, 41.7803,
100.4160

■ 36.0115, 33.5967,
99.1945

■ 30.5640, 26.7535,
98.1608

■ 26.3643, 21.1709,
97.3046

■ 23.2970, 16.7590,
96.6147

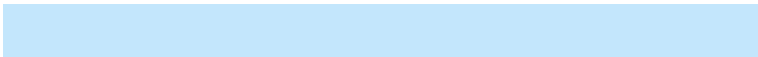
■ 21.2201, 13.4114,
96.0780

■ 20.7117, 12.5434,
95.9372

Harmonies

Analogous

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



68.2935, 75.0675, 103.1963



72.1266, 75.0675, 105.2957



75.8841, 75.0675, 100.6272

Triad

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



72.1266, 75.0675, 105.2957



77.6723, 75.0675, 69.6631



64.6515, 75.0675, 73.1735

Complementary

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



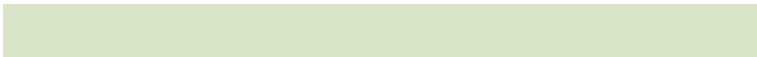
72.1266, 75.0675, 105.2957



84.8754, 89.5165, 75.0940

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.



66.9991, 75.0675, 65.3703



72.1266, 75.0675, 105.2957



74.4951, 75.0675, 63.4780

Square

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



72.1266, 75.0675, 105.2957



79.1608, 75.0675, 79.5380



70.5778, 75.0675, 61.9816



64.0696, 75.0675, 83.9737

Rectangle

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



72.1266, 75.0675, 105.2957



77.8109, 75.0675, 94.5374



70.5778, 75.0675, 61.9816



65.2559, 75.0675, 70.1453

Sweetspot

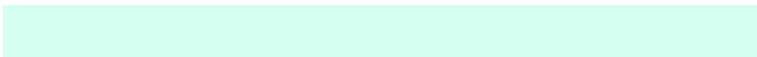
The Sweet Spot groups the original color and five complimentary colors.



72.1287, 75.0705, 105.2962



87.7417, 92.1173, 107.7637



78.8468, 91.8913, 97.1014



18.5680, 19.4869, 23.0327



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.



72.1287, 75.0705, 105.2962



68.3937, 70.9410, 104.6960



71.0746, 69.5060, 104.2777



17.4508, 18.2732, 22.8573



10.9362, 6.7820, 50.1672



1.1559, 0.8425, 4.9150

Inverse Universe

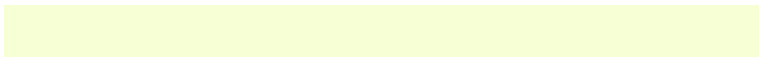
The Inverse Universe completely reimagines the original color for something new.



78.3754, 73.7848, 81.3487



75.6747, 69.5825, 76.7520



86.0431, 96.0691, 76.2973



18.2354, 18.0775, 19.8570



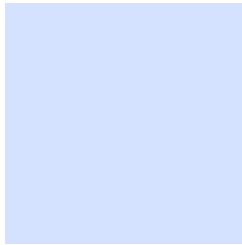
22.3083, 11.4126, 5.0079



2.2181, 1.1296, 0.7297

Previews

White Background



This preview shows how the XYZ color 72.1266, 75.0675, 105.2957 looks on a white background.

Color Contrast Check

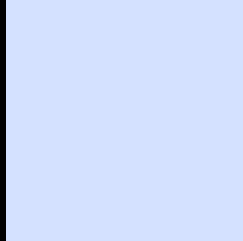
Large Text (above 18pt) WCAG AA × Fail

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 72.1266, 75.0675, 105.2957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

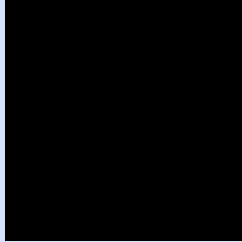
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.1266, 75.0675, 105.2957

Background



This preview shows how black text looks on a background with the XYZ color 72.1266, 75.0675, 105.2957.



This preview shows how white text looks on a background with the XYZ color 72.1266, 75.0675,

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

72.1266, 75.0675, 105.2957

Protanopia

73.7923, 75.1468, 104.3814

Deuteranopia

76.3365, 74.8720, 105.0361



Tritanopia

70.5289, 75.2324, 97.1902

Trichromacy



Original Color

72.1266, 75.0675, 105.2957

Protanomaly

73.1603, 75.2188, 104.4286

Deuteranomaly

74.6469, 74.7802, 105.1074

Tritanomaly

71.1592, 75.0811, 100.3642

Monochromacy



Original Color

72.1266, 75.0675, 105.2957

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.5807, 75.1222, 90.0842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1266, 75.0675, 105.2957 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(212, 225, 255)` looks like.

```
.text, #text, p{  
    color:rgb(212, 225, 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(212, 225, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 225, 255) }
```

Border

The CSS property to change the border of an element to XYZ 72.1266, 75.0675, 105.2957 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(212, 225, 255) }
```


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

```
.border{ border-color:rgb(212, 225, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 225, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 225, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 225, 255);  
box-shadow:4px 4px 4px 4px rgb(212, 225,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1266, 75.0675, 105.2957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 225, 255) }
```

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

```
.background{ background-color: rgb(212,  
225, 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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