

Converting Colors

XYZ(74.5478, 75.0653,
105.1677)

Have a look what the booklet for
XYZ(74.5478, 75.0653, 105.1677)
contains.

XYZ(74.6027, 75.1505, 105.1813)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.6027, 75.1505,
105.1813)**

Conversions

Conversions Part 1

Format	Color
Hex	DFDEFF
RGB	223, 222, 255
RGB Percent	87%, 87%, 100%
CMY	0.1255, 0.1294, 0.0000
CMYK	0.13, 0.13, 0.00, 0.00
HSL	242°, 100%, 94%
HSV	242°, 13%, 100%
XYZ	74.6027, 75.1505, 105.1813
YIQ	226.0610, -9.9970, 10.4750

Conversions

Conversions Part 2

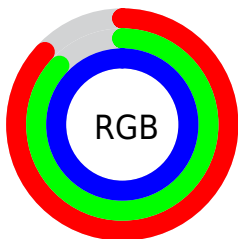
Format	Color
R _Y B	223, 222, 255
Decimal	14671615
CIE Lab	89.46, 6.64, -15.87
CIE LCh	89, 17.205, 292.690
Yxy	75.1505, 0.2926, 0.2948
Android (android.graphics.Color)	4292861695 (0xFFDFDEFF)
YUV	226.0610, 14.2669, -2.6845
Hunter-Lab	86.6894, 1.9062, -11.2547

Details

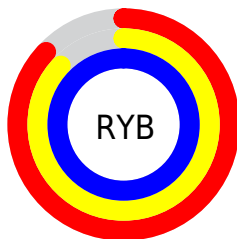
The XYZ color **74.6027, 75.1505, 105.1813** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **89.8195, 97.8655, 83.2667**, and the grayscale version is **72.2399, 76.0020, 82.7662**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1602, 40.0395, 59.0378** is the 20% darker color. If you saturate the color by 10%, you get **61.2648, 58.9710, 102.7613**, and if you desaturate by 10%, it is **90.0817, 93.9582, 107.9957**.

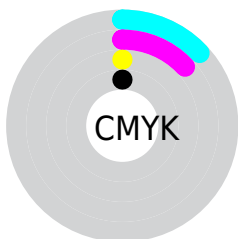
Distribution



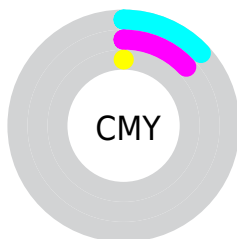
- Red (87%)
- Green (87%)
- Blue (100%)



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



- Cyan (13%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6027, 75.1505, 105.1813 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 74.6027, 75.1505, 105.1813 by changing the saturation by 10% instead.

■ 74.6027, 75.1505,
105.1813

■ 74.6027, 75.1505,
105.1813

465.5691,
478.4347, 598.0677

■ 55.5805, 55.7362,
79.9937

124.7407,
126.5254, 170.3732

■ 40.1024, 39.9915,
59.1871

156.5873,
159.2547, 211.2146

■ 27.8029, 27.5319,
42.3427

193.4393,
197.1912, 258.1110

■ 18.3168, 17.9731,
29.0422

235.6621,
240.7193, 311.4811

■ 11.2788, 10.9307,
18.8669

283.6212,
290.2233, 371.7432

■ 6.3233, 6.0202,
11.3983

337.6818,

■ 3.0852, 2.8574,

346.0876, 439.3160

6.2179

398.2093,
408.6966, 514.6180

■ 1.1990, 1.0577,
2.9071

■ 0.1056, 0.0000,
1.0474

■ 74.6027, 75.1505,
105.1813

■ 74.6027, 75.1505,
105.1813

■ 61.2648, 58.9710,
102.7613

■ 90.0817, 93.9582,
107.9957

■ 49.9680, 45.2941,
100.7168

95.0500, 100.0000,
108.9000

■ 40.6134, 33.9976,
99.0294

■ 33.0916, 24.9456,
97.6786

■ 27.2824, 17.9883,
96.6419

■ 23.0510, 12.9577,
95.8939

■ 20.2427, 9.6602,
95.4054

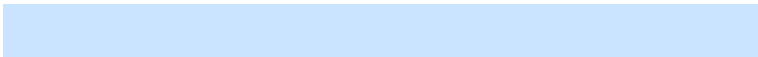
■ 18.6715, 7.8616,
95.1411

■ 18.1465, 7.2697,
95.0545

Harmonies

Analogous

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



70.4013, 75.1505, 107.0948



74.6027, 75.1505, 105.1813



78.0752, 75.1505, 96.7280

Triad

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



74.6027, 75.1505, 105.1813



76.4579, 75.1505, 64.7072



63.6820, 75.1505, 78.9060

Complementary

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



74.6027, 75.1505, 105.1813



89.8195, 97.8655, 83.2667

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.



65.1698, 75.1505, 68.5392



74.6027, 75.1505, 105.1813



72.4653, 75.1505, 60.8819

Square

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



74.6027, 75.1505, 105.1813



79.1753, 75.1505, 73.1894



68.3452, 75.1505, 62.2125



64.2038, 75.1505, 91.1169

Rectangle

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



74.6027, 75.1505, 105.1813



79.4545, 75.1505, 88.9338



68.3452, 75.1505, 62.2125



63.9617, 75.1505, 75.1076

Sweetspot

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



74.6047, 75.1535, 105.1817



88.3359, 91.8358, 107.6780



83.7605, 93.9200, 108.3215



18.6458, 19.3385, 22.9999



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.



74.6047, 75.1535, 105.1817



70.2989, 69.9272, 104.3999



79.7869, 77.8250, 105.4243



17.0538, 17.4039, 22.7104



9.5039, 3.8099, 49.6691



0.9424, 0.3798, 4.8369

Inverse Universe

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



85.2524, 80.6611, 104.8440



83.1893, 76.5953, 103.9700



84.1895, 94.9631, 83.0032



18.7676, 18.2903, 22.6591



30.3554, 14.6314, 47.3833



2.9628, 1.4275, 4.6514

Previews

White Background



This preview shows how the XYZ color 74.6027, 75.1505, 105.1813 looks on a white background.

Color Contrast Check

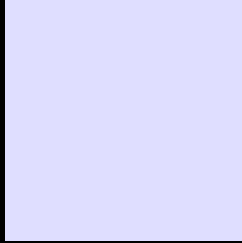
Large Text (above 18pt) WCAG AA × Fail

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 74.6027, 75.1505, 105.1813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

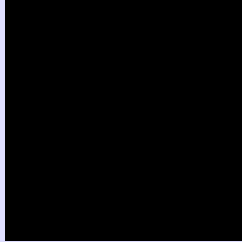
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.6027, 75.1505, 105.1813

Background



This preview shows how black text looks on a background with the XYZ color 74.6027, 75.1505, 105.1813.



This preview shows how white text looks on a background with the XYZ color 74.6027, 75.1505,

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

74.6027, 75.1505, 105.1813

Protanopia

73.9529, 75.2110, 105.2272

Deuteranopia

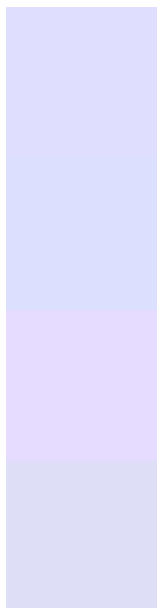
76.6602, 75.0388, 105.0513



Tritanopia

72.5015, 75.0943, 94.6778

Trichromacy



Original Color

74.6027, 75.1505, 105.1813

Protanomaly

74.2565, 75.3675, 105.2414

Deuteranomaly

75.9563, 75.0644, 105.0933

Tritanomaly

73.3004, 75.0203, 98.6127

Monochromacy



Original Color

74.6027, 75.1505, 105.1813

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.2626, 75.9724, 90.9236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6027, 75.1505, 105.1813 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(223, 222, 255)` looks like.

```
.text, #text, p{  
    color:rgb(223, 222, 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(223, 222, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 222, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.6027, 75.1505, 105.1813 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(223, 222, 255) }
```


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

```
.border{ border-color:rgb(223, 222, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 222, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 222, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 222, 255);  
box-shadow:4px 4px 4px 4px rgb(223, 222,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6027, 75.1505, 105.1813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 222, 255) }
```

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

```
.background{ background-color: rgb(223,  
222, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor