

Converting Colors

XYZ(74.6291, 75.7276,
105.2912)

Have a look what the booklet for
XYZ(74.6291, 75.7276, 105.2912)
contains.

XYZ(74.5619, 75.5249, 105.2557)	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(74.5619, 75.5249,
105.2557)**

Conversions

Conversions Part 1

Format	Color
Hex	DEDEFF
RGB	222, 223, 255
RGB Percent	87%, 87%, 100%
CMY	0.1294, 0.1255, 0.0000
CMYK	0.13, 0.13, 0.00, 0.00
HSL	238°, 100%, 94%
HSV	238°, 13%, 100%
XYZ	74.5619, 75.5249, 105.2557
YIQ	226.3490, -10.8680, 9.7400

Conversions

Conversions Part 2

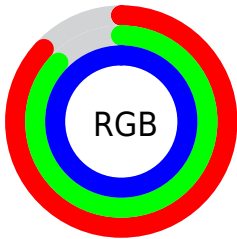
Format	Color
R _Y B	222, 223, 255
Decimal	14606335
CIE Lab	89.64, 5.80, -15.62
CIE LCh	90, 16.661, 290.369
Yxy	75.5249, 0.2920, 0.2958
Android (android.graphics.Color)	4292796415 (0xFFDEDEFFF)
YUV	226.3490, 14.1249, -3.8141
Hunter-Lab	86.9051, 1.0637, -10.9760

Details

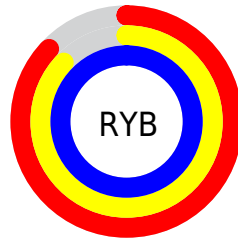
The XYZ color **74.5619, 75.5249, 105.2557** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **89.8662, 97.4162, 83.1757**, and the grayscale version is **72.4496, 76.2226, 83.0064**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1320, 40.2980, 59.0892** is the 20% darker color. If you saturate the color by 10%, you get **61.2039, 59.5393, 102.8742**, and if you desaturate by 10%, it is **90.0698, 94.0547, 108.0149**.

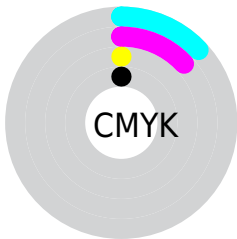
Distribution



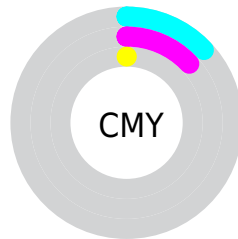
- Red (87%)
- Green (87%)
- Blue (100%)



- 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 74.5619, 75.5249, 105.2557 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 74.5619, 75.5249, 105.2557 by changing the saturation by 10% instead.

■ 74.5619, 75.5249,
105.2557

■ 74.5619, 75.5249,
105.2557

465.4308,
479.7198, 598.3047

■ 55.5470, 56.0430,
80.0557

124.6832,
127.0551, 170.4758

■ 40.0754, 40.2374,
59.2378

156.5204,
159.8722, 211.3330

■ 27.7818, 27.7237,
42.3833

193.3623,
197.9032, 258.2464

■ 18.3009, 18.1175,
29.0737

235.5743,
241.5324, 311.6345

■ 11.2672, 11.0344,
18.8905

283.5218,
291.1443, 371.9158

■ 6.3155, 6.0900,
11.4152

337.5702,

■ 3.0803, 2.8999,

347.1232, 439.5089

6.2292

398.0847,
409.8536, 514.8324

■ 1.1964, 1.0797,
2.9139

■ 0.1035, 0.0000,
1.0508

■ 74.5619, 75.5249,
105.2557

■ 74.5619, 75.5249,
105.2557

■ 61.2039, 59.5393,
102.8742

■ 90.0698, 94.0547,
108.0149

■ 49.8952, 45.9783,
100.8527

95.0500, 100.0000,
108.9000

■ 40.5362, 34.7263,
99.1741

■ 33.0167, 25.6545,
97.8194

■ 27.2155, 18.6218,
96.7677

■ 22.9970, 13.4705,
95.9957

■ 20.2050, 10.0195,
95.4768

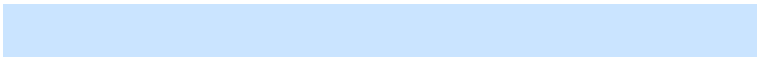
■ 18.6515, 8.0526,
95.1790

■ 18.1341, 7.3882,
95.0780

Harmonies

Analogous

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



70.4739, 75.5249, 106.5495



74.5619, 75.5249, 105.2557



78.0255, 75.5249, 97.4841

Triad

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



74.5619, 75.5249, 105.2557



76.9284, 75.5249, 66.0491



64.2924, 75.5249, 78.5158

Complementary

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



74.5619, 75.5249, 105.2557



89.8662, 97.4162, 83.1757

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.



65.8848, 75.5249, 68.6632



74.5619, 75.5249, 105.2557



73.1105, 75.5249, 61.9311

Square

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



74.5619, 75.5249, 105.2557



79.4274, 75.5249, 74.6264



69.0763, 75.5249, 62.8403



64.6476, 75.5249, 90.3413

Rectangle

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



74.5619, 75.5249, 105.2557



79.4646, 75.5249, 90.0507



69.0763, 75.5249, 62.8403



64.6153, 75.5249, 74.8828

Sweetspot

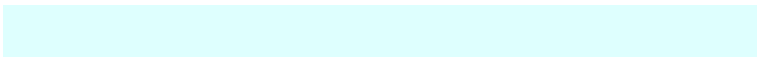
The Sweet Spot groups the original color and five complimentary colors.



74.5639, 75.5280, 105.2562



88.3221, 91.9678, 107.7042



83.7584, 94.1993, 107.4498



18.6423, 19.3717, 23.0065



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.



74.5639, 75.5280, 105.2562



70.2525, 70.3712, 104.4880



79.2311, 77.5376, 105.3981



17.0472, 17.4661, 22.7228



9.4946, 3.8987, 49.6867



0.9393, 0.4094, 4.8428

Inverse Universe

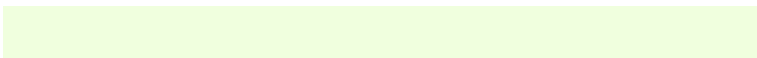
The Inverse Universe completely reimagines the original color for something new.



80.6819, 78.8319, 80.7792



77.6595, 74.3834, 74.8507



84.7451, 95.2496, 83.0275



18.0317, 17.9960, 18.7843



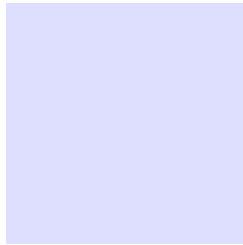
21.5806, 11.1215, 1.1761



2.1087, 1.0859, 0.1541

Previews

White Background



This preview shows how the XYZ color 74.5619, 75.5249, 105.2557 looks on a white background.

Color Contrast Check

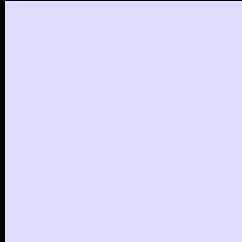
Large Text (above 18pt) WCAG AA × Fail

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 74.5619, 75.5249, 105.2557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

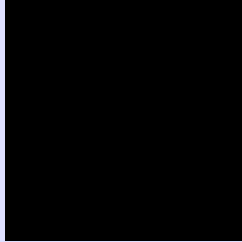
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.5619, 75.5249, 105.2557

Background



This preview shows how black text looks on a background with the XYZ color 74.5619, 75.5249, 105.2557.

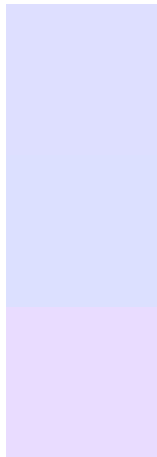


This preview shows how white text looks on a background with the XYZ color 74.5619, 75.5249,

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

74.5619, 75.5249, 105.2557

Protanopia

74.2209, 75.7470, 105.3165

Deuteranopia

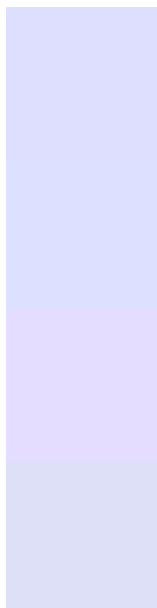
77.2475, 75.7300, 105.1537



Tritanopia

72.6181, 75.5371, 95.5468

Trichromacy



Original Color

74.5619, 75.5249, 105.2557

Protanomaly

74.5244, 75.9035, 105.3307

Deuteranomaly

76.2195, 75.5909, 105.1810

Tritanomaly

73.2629, 75.3989, 98.6878

Monochromacy



Original Color

74.5619, 75.5249, 105.2557

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 74.5619, 75.5249, 105.2557 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(222, 223, 255)` looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 74.5619, 75.5249, 105.2557 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(222, 223, 255) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 74.5619, 75.5249, 105.2557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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