

Converting Colors

XYZ(75.8696, 77.0163,
104.6380)

Have a look what the booklet for
XYZ(75.8696, 77.0163, 104.6380)
contains.

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Color

**XYZ(75.8659, 77.0137,
104.6325)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E1FE
RGB	225, 225, 254
RGB Percent	88%, 88%, 100%
CMY	0.1176, 0.1176, 0.0039
CMYK	0.11, 0.11, 0.00, 0.00
HSL	240°, 94%, 94%
HSV	240°, 11%, 100%
XYZ	75.8659, 77.0137, 104.6325
YIQ	228.3060, -9.3090, 9.0190

Conversions

Conversions Part 2

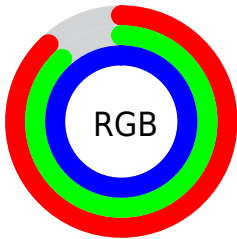
Format	Color
R _Y B	225, 225, 254
Decimal	14803454
CIE Lab	90.33, 5.50, -14.04
CIE LCh	90, 15.078, 291.391
Yxy	77.0137, 0.2946, 0.2991
Android (android.graphics.Color)	4292993534 (0xFFE1E1FE)
YUV	228.3060, 12.6671, -2.8994
Hunter-Lab	87.7574, 0.7369, -9.2608

Details

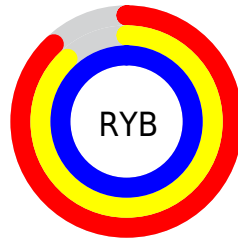
The XYZ color **75.8659, 77.0137, 104.6325** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **89.9058, 97.3901, 85.2953**, and the grayscale version is **73.8837, 77.7314, 84.6495**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0303, 41.3267, 58.6376** is the 20% darker color. If you saturate the color by 10%, you get **62.1664, 60.5075, 102.1697**, and if you desaturate by 10%, it is **91.7691, 96.1759, 107.4942**.

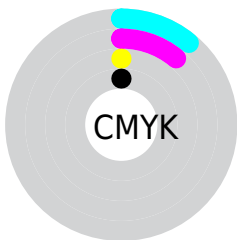
Distribution



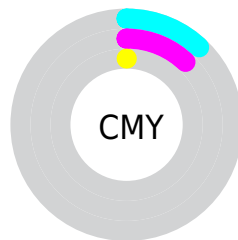
- Red (88%)
- Green (88%)
- Blue (100%)



- Red (88%)
- Yellow (88%)
- Blue (100%)



- Cyan (11%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.8659, 77.0137, 104.6325 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 75.8659, 77.0137, 104.6325 by changing the saturation by 10% instead.

75.8659, 77.0137,
104.6325

75.8659, 77.0137,
104.6325

469.8400,
484.8107, 596.3180

56.6192, 57.2641,
79.5366

126.5187,
129.1588, 169.6161

40.9386, 41.2173,
58.8132

158.6555,
162.3231, 210.3408

28.4585, 28.4889,
42.0437

195.8198,
200.7278, 257.1121

18.8138, 18.6946,
28.8097

238.3768,
244.7573, 310.3487

11.6390, 11.4498,
18.6926

286.6920,
294.7959, 370.4691

6.5688, 6.3702,
11.2738

341.1307,

3.2379, 3.0715,

351.2281, 437.8917

6.1348

402.0582,
414.4383, 513.0352

■ 1.2808, 1.1692,
2.8571

■ 0.1688, 0.0363,
1.0221

■ 75.8659, 77.0137,
104.6325

■ 75.8659, 77.0137,
104.6325

■ 62.1664, 60.5075,
102.1697

■ 91.7691, 96.1759,
107.4942

■ 50.5668, 46.5311,
100.0834

94.8896, 99.9358,
108.0555

■ 40.9657, 34.9624,
98.3564

■ 33.2501, 25.6656,
96.9686

■ 27.2961, 18.4912,
95.8976

■ 22.9648, 13.2721,
95.1185

■ 20.0966, 9.8158,
94.6026

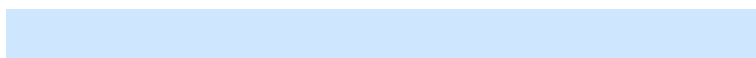
■ 18.4997, 7.8913,
94.3153

■ 17.8899, 7.1564,
94.2056

Harmonies

Analogous

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



72.1231, 77.0137, 106.0203



75.8659, 77.0137, 104.6325



78.9909, 77.0137, 97.4393

Triad

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



75.8659, 77.0137, 104.6325



77.8004, 77.0137, 68.7040



66.2861, 77.0137, 80.7957

Complementary

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



75.8659, 77.0137, 104.6325



89.9058, 97.3901, 85.2953

Split Complementary

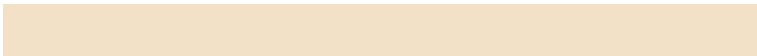
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.6978, 77.0137, 71.5955



75.8659, 77.0137, 104.6325



74.2860, 77.0137, 65.0164

Square

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



75.8659, 77.0137, 104.6325



80.1341, 77.0137, 76.5326



70.5958, 77.0137, 66.0277



66.6765, 77.0137, 91.6297

Rectangle

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



75.8659, 77.0137, 104.6325



80.2615, 77.0137, 90.6320



70.5958, 77.0137, 66.0277



66.5638, 77.0137, 77.4243

Sweetspot

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



75.8682, 77.0169, 104.6342



89.8995, 93.7941, 107.9736



84.3066, 94.0173, 107.0656



18.9551, 19.7298, 23.0592



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.



75.8682, 77.0169, 104.6342



72.7646, 73.1483, 104.8917



80.4182, 79.3613, 104.8469



17.0033, 17.3781, 22.7081



9.4317, 3.7730, 49.6657



0.9184, 0.3675, 4.8358

Inverse Universe

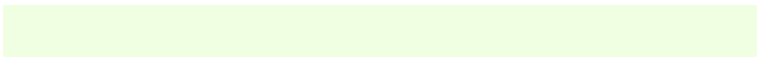
The Inverse Universe completely reimagines the original color for something new.



81.3907, 80.3592, 82.4589



79.4761, 77.2102, 77.9419



84.9633, 94.8436, 85.0643



18.0095, 17.9871, 18.6674



21.5489, 11.1089, 1.0090



2.0982, 1.0816, 0.0984

Previews

White Background



This preview shows how the XYZ color 75.8659, 77.0137, 104.6325 looks on a white background.

Color Contrast Check

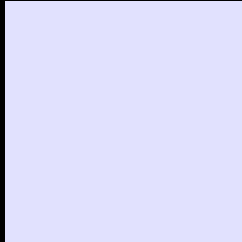
Large Text (above 18pt) WCAG AA × Fail

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 75.8659, 77.0137, 104.6325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

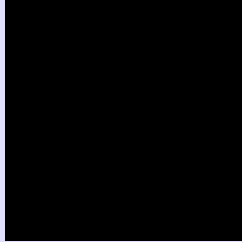
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.8659, 77.0137, 104.6325

Background



This preview shows how black text looks on a background with the XYZ color 75.8659, 77.0137, 104.6325.

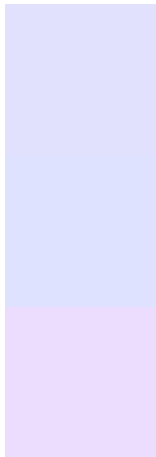


This preview shows how white text looks on a background with the XYZ color 75.8659, 77.0137,

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

75.8659, 77.0137, 104.6325

Protanopia

75.5172, 77.2364, 104.6939

Deuteranopia

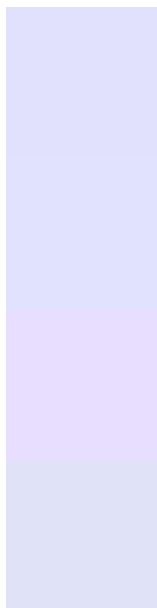
78.4985, 76.7658, 105.2877



Tritanopia

74.3819, 77.2187, 97.3706

Trichromacy



Original Color

75.8659, 77.0137, 104.6325

Protanomaly

75.8262, 77.3958, 104.7083

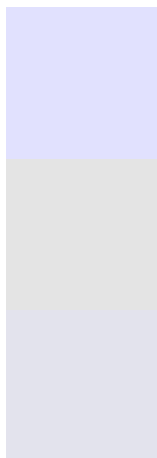
Deuteranomaly

77.4500, 76.6184, 105.3145

Tritanomaly

74.8801, 77.0173, 99.7262

Monochromacy



Original Color

75.8659, 77.0137, 104.6325

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.4337, 77.3835, 91.1342

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8659, 77.0137, 104.6325 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(225, 225, 254)` looks like.

```
.text, #text, p{  
    color:rgb(225, 225, 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(225, 225, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 225, 254) }
```

Border

The CSS property to change the border of an element to XYZ 75.8659, 77.0137, 104.6325 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(225, 225, 254) }
```


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

```
.border{ border-color:rgb(225, 225, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 225, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 225, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 225, 254);  
box-shadow:4px 4px 4px 4px rgb(225, 225,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8659, 77.0137, 104.6325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 225, 254) }
```

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

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