

Converting Colors

XYZ(75.8249, 86.5354,
105.6474)

Have a look what the booklet for
XYZ(75.8249, 86.5354, 105.6474)
contains.

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Color

**XYZ(75.6190, 86.3099,
105.6024)**

Conversions

Conversions Part 1

Format	Color
Hex	CBF7FD
RGB	203, 247, 253
RGB Percent	80%, 97%, 99%
CMY	0.2039, 0.0314, 0.0078
CMYK	0.20, 0.02, 0.00, 0.01
HSL	187°, 93%, 89%
HSV	187°, 20%, 99%
XYZ	75.6190, 86.3099, 105.6024
YIQ	234.5280, -28.1500, -7.4620

Conversions

Conversions Part 2

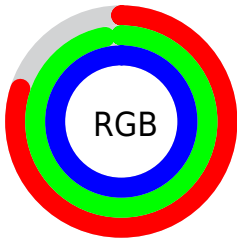
Format	Color
R _Y B	203, 226, 253
Decimal	13367293
CIE Lab	94.44, -12.75, -7.55
CIE LCh	94, 14.816, 210.630
Yxy	86.3099, 0.2827, 0.3226
Android (android.graphics.Color)	4291557373 (0xFFC _B F7FD)
YUV	234.5280, 9.1067, -27.6501
Hunter-Lab	92.9031, -17.2894, -2.3624

Details

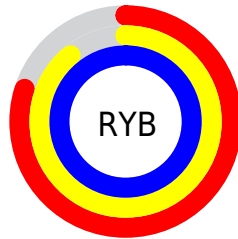
The XYZ color **75.6190, 86.3099, 105.6024** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.0887, 70.7955, 66.2616**, and the grayscale version is **78.5573, 82.6484, 90.0042**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8073, 47.5430, 59.2505** is the 20% darker color. If you saturate the color by 10%, you get **68.3636, 81.2055, 105.0009**, and if you desaturate by 10%, it is **84.0188, 92.0312, 106.2654**.

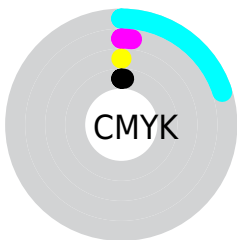
Distribution



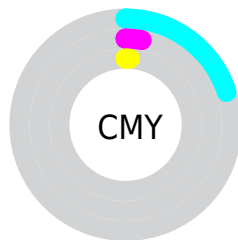
- Red (80%)
- Green (97%)
- Blue (99%)



- Red (80%)
- Yellow (89%)
- Blue (99%)



- Cyan (20%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)



- Cyan (20%)
- Magenta (3%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.6190, 86.3099, 105.6024 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 75.6190, 86.3099, 105.6024 by changing the saturation by 10% instead.

75.6190, 86.3099,
105.6024

75.6190, 86.3099,
105.6024

469.0069,
515.9525, 599.4084

56.4161, 64.9243,
80.3447

126.1714,
142.2019, 170.9539

40.7749, 47.3997,
59.4742

158.2517,
177.4770, 211.8847

28.3302, 33.3517,
42.5724

195.3551,
218.1507, 258.8769

18.7164, 22.3960,
29.2209

237.8470,
264.6075, 312.3491

11.5683, 14.1482,
19.0009

286.0928,
317.2316, 372.7198

6.5206, 8.2238,
11.4941

340.4578,

3.2078, 4.2385,

376.4076, 440.4076

6.2819

401.3074,
442.5198, 515.8309

■ 1.2646, 1.8078,
2.9457

■ 0.1565, 0.4921,
1.0670

■ 75.6190, 86.3099,
105.6024

■ 75.6190, 86.3099,
105.6024

■ 68.3636, 81.2055,
105.0009

■ 84.0188, 92.0312,
106.2654

■ 62.1907, 76.6791,
104.4526

■ 93.6064, 98.3851,
106.9865

■ 57.0435, 72.7038,
103.9566

■ 94.7299, 99.8720,
107.2143

■ 52.8574, 69.2460,
103.5098

■ 49.5601, 66.2684,
103.1089

■ 47.0690, 63.7283,
102.7499

■ 45.2857, 61.5749,
102.4282

■ 44.0530, 59.7270,
102.1365

■ 44.0262, 59.6846,
102.1297

Harmonies

Analogous

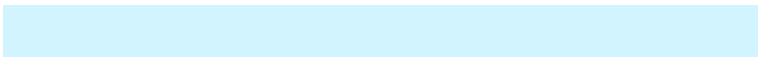
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.6117, 86.3099, 94.2184



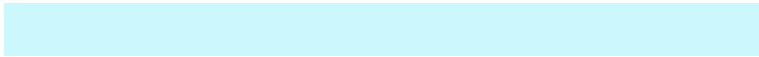
75.6190, 86.3099, 105.6024



78.3354, 86.3099, 114.4196

Triad

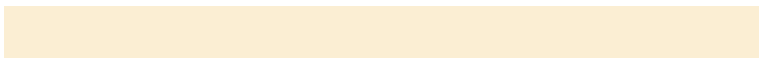
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.6190, 86.3099, 105.6024



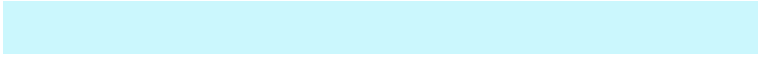
88.8928, 86.3099, 105.1512



81.9507, 86.3099, 73.7039

Complementary

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



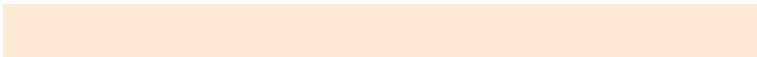
75.6190, 86.3099, 105.6024



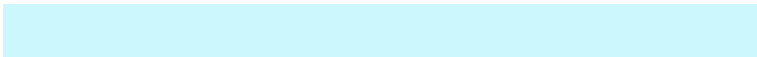
74.0887, 70.7955, 66.2616

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.



85.8492, 86.3099, 76.1266



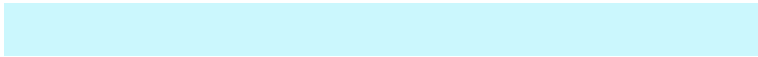
75.6190, 86.3099, 105.6024



89.9350, 86.3099, 93.7357

Square

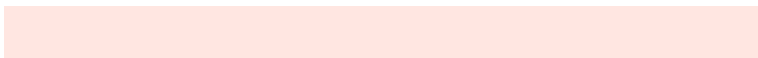
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.6190, 86.3099, 105.6024



85.9997, 86.3099, 114.1447



88.8040, 86.3099, 83.2374



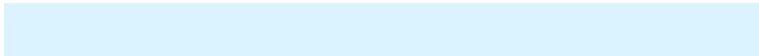
78.1940, 86.3099, 76.3365

Rectangle

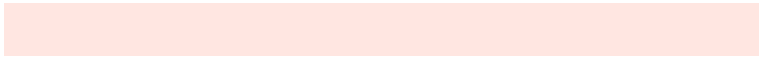
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.6190, 86.3099, 105.6024



80.7943, 86.3099, 117.3249



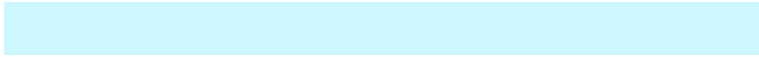
88.8040, 86.3099, 83.2374



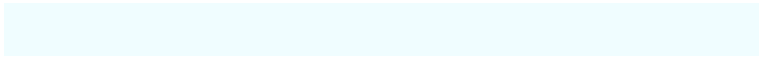
83.2883, 86.3099, 73.9519

Sweetspot

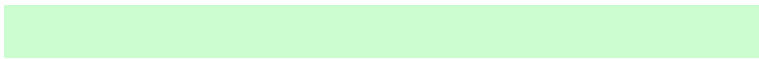
The Sweet Spot groups the original color and five complimentary colors.



75.6215, 86.3134, 105.6043



89.0608, 96.0476, 108.4528



71.2435, 87.5438, 73.3579



18.9289, 20.4691, 23.2032



0.0000, 0.0000, 0.0000



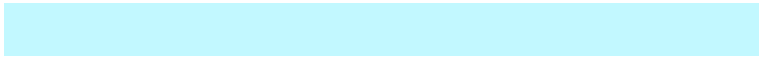
20.3446, 21.4041, 23.3091

Same Dimension

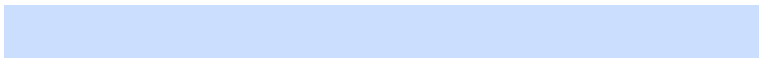
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.6215, 86.3134, 105.6043



73.7098, 85.5888, 107.2431



68.5254, 72.1212, 103.2390



18.3580, 20.0875, 23.1597



23.4919, 31.8933, 54.3525



2.3375, 3.2058, 5.3088

Inverse Universe

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



78.6545, 70.3118, 97.4257



77.3779, 66.5108, 97.2902



80.6644, 83.9468, 68.4535



18.6933, 18.2606, 22.2682



28.6458, 13.9476, 38.3809



2.8145, 1.3682, 3.8705

Previews

White Background



This preview shows how the XYZ color 75.6190, 86.3099, 105.6024 looks on a white background.

Color Contrast Check

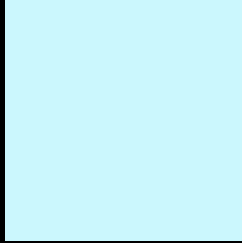
Large Text (above 18pt) WCAG AA × Fail

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 75.6190, 86.3099, 105.6024 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 75.6190, 86.3099, 105.6024

Background



This preview shows how black text looks on a background with the XYZ color 75.6190, 86.3099, 105.6024.

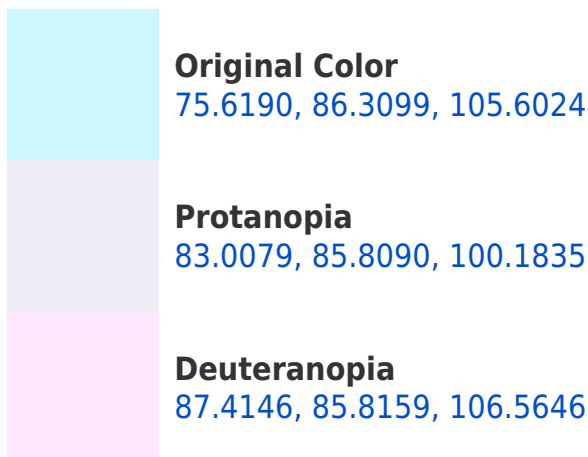


This preview shows how white text looks on a background with the XYZ color 75.6190, 86.3099,

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

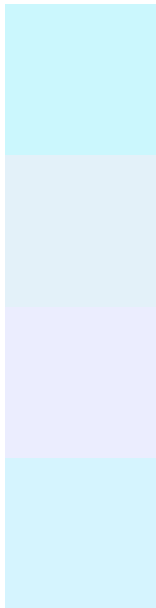




Tritanopia

79.3140, 86.3813, 107.1007

Trichromacy



Original Color

75.6190, 86.3099, 105.6024

Protanomaly

80.2327, 86.0810, 102.0091

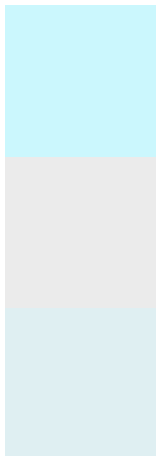
Deuteranomaly

82.4345, 85.3863, 105.9024

Tritanomaly

77.6806, 86.0033, 106.2720

Monochromacy



Original Color

75.6190, 86.3099, 105.6024

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

77.3249, 83.8318, 96.1101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6190, 86.3099, 105.6024 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(203, 247, 253)` looks like.

```
.text, #text, p{  
    color:rgb(203, 247, 253)  
}
```

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(203, 247, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 247, 253) }
```

Border

The CSS property to change the border of an element to XYZ 75.6190, 86.3099, 105.6024 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(203, 247, 253) }
```


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

```
.border{ border-color:rgb(203, 247, 253) }
```

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

Here you see how a box with a 4 pixel rgb(203, 247, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 247, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 247, 253);  
box-shadow:4px 4px 4px 4px rgb(203, 247,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6190, 86.3099, 105.6024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 247, 253) }
```

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

```
.background{ background-color: rgb(203,  
247, 253) }
```

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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