

Converting Colors

XYZ(74.5507, 80.0637,
106.1323)

Have a look what the booklet for
XYZ(74.5507, 80.0637, 106.1323)
contains.

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Color

**XYZ(74.6242, 80.0627,
106.1283)**

Conversions

Conversions Part 1

Format	Color
Hex	D4EAFF
RGB	212, 234, 255
RGB Percent	83%, 92%, 100%
CMY	0.1686, 0.0823, 0.0000
CMYK	0.17, 0.08, 0.00, 0.00
HSL	209°, 100%, 92%
HSV	209°, 17%, 100%
XYZ	74.6242, 80.0627, 106.1283
YIQ	229.8160, -19.8530, 1.8670

Conversions

Conversions Part 2

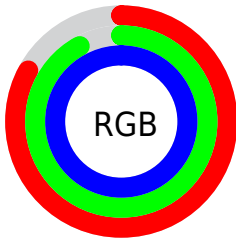
Format	Color
R _Y B	212, 227, 255
Decimal	13953791
CIE Lab	91.71, -3.02, -12.59
CIE LCh	92, 12.943, 256.529
Yxy	80.0627, 0.2861, 0.3070
Android (android.graphics.Color)	4292143871 (0xFFD4EAF7)
YUV	229.8160, 12.4157, -15.6246
Hunter-Lab	89.4778, -7.7176, -7.6886

Details

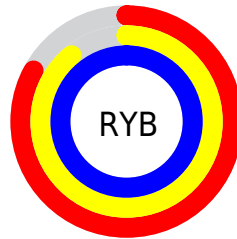
The XYZ color **74.6242, 80.0627, 106.1283** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.2622, 84.2900, 74.2229**, and the grayscale version is **75.0013, 78.9072, 85.9299**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0181, 43.0861, 59.6334** is the 20% darker color. If you saturate the color by 10%, you get **64.4249, 69.7280, 104.6710**, and if you desaturate by 10%, it is **86.2378, 91.5006, 107.7239**.

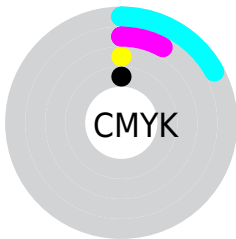
Distribution



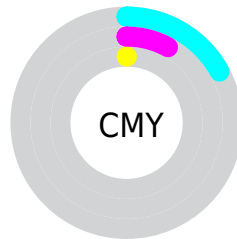
- Red (83%)
- Green (92%)
- Blue (100%)



- Red (83%)
- Yellow (89%)
- Blue (100%)



- Cyan (17%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6242, 80.0627, 106.1283 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 74.6242, 80.0627, 106.1283 by changing the saturation by 10% instead.

■ 74.6242, 80.0627,
106.1283

■ 74.6242, 80.0627,
106.1283

465.6420,
495.1441, 601.0806

■ 55.5982, 59.7699,
80.7830

124.7710,
133.4539, 171.6787

■ 40.1166, 43.2332,
59.8329

156.6225,
167.3211, 212.7210

■ 27.8141, 30.0682,
42.8596

193.4799,
206.4819, 259.8326

■ 18.3253, 19.8903,
29.4444

235.7084,
251.3208, 313.4322

■ 11.2849, 12.3153,
19.1688

283.6736,
302.2220, 373.9382

■ 6.3275, 6.9588,
11.6142

337.7406,

■ 3.0878, 3.4364,

359.5701, 441.7693

6.3623

398.2750,
423.7493, 517.3439

■ 1.2003, 1.3636,
2.9943

■ 0.1066, 0.1896,
1.0917

■ 74.6242, 80.0627,
106.1283

■ 74.6242, 80.0627,
106.1283

■ 64.4249, 69.7280,
104.6710

■ 86.2378, 91.5006,
107.7239

■ 55.5741, 60.4486,
103.3464

95.0500, 100.0000,
108.9000

■ 48.0099, 52.1870,
102.1504

■ 41.6628, 44.8993,
101.0783

■ 36.4560, 38.5376,
100.1248

■ 32.3031, 33.0486,
99.2842

■ 29.1032, 28.3713,
98.5501

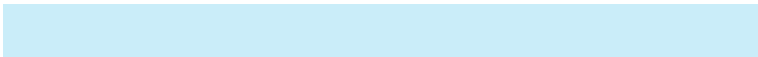
■ 26.7300, 24.4312,
97.9146

■ 26.0976, 23.3153,
97.7325

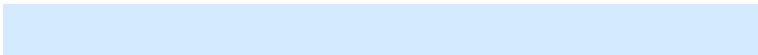
Harmonies

Analogous

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



71.8021, 80.0627, 101.0824



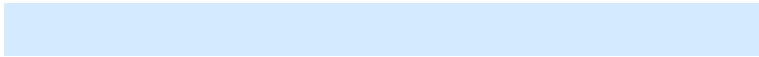
74.6242, 80.0627, 106.1283



77.9222, 80.0627, 105.8416

Triad

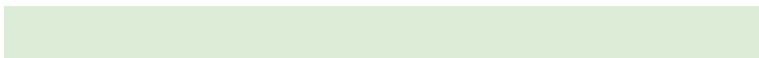
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.6242, 80.0627, 106.1283



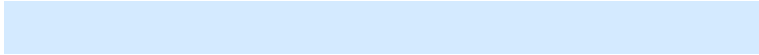
82.3629, 80.0627, 82.0914



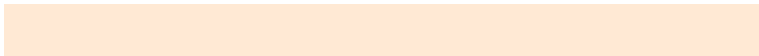
71.5714, 80.0627, 75.2266

Complementary

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



74.6242, 80.0627, 106.1283



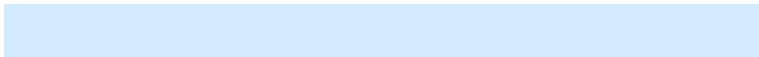
82.2622, 84.2900, 74.2229

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.



74.3009, 80.0627, 70.8427



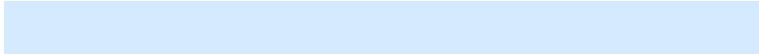
74.6242, 80.0627, 106.1283



80.5602, 80.0627, 74.6050

Square

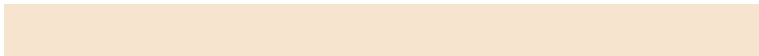
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.6242, 80.0627, 106.1283



82.4556, 80.0627, 91.4900



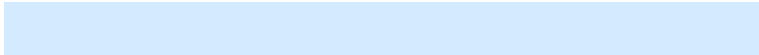
77.5894, 80.0627, 70.6237



70.0744, 80.0627, 82.9972

Rectangle

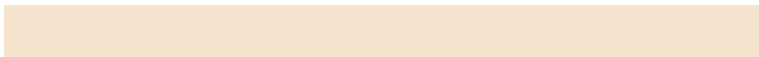
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.6242, 80.0627, 106.1283



79.9485, 80.0627, 102.6564



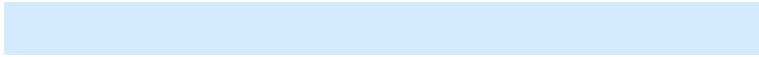
77.5894, 80.0627, 70.6237



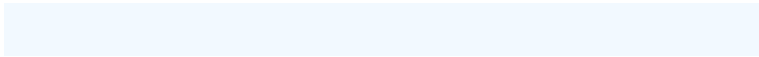
72.3716, 80.0627, 73.3334

Sweetspot

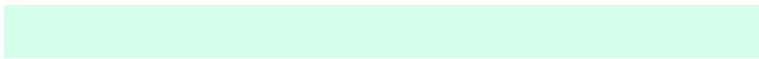
The Sweet Spot groups the original color and five complimentary colors.



74.6263, 80.0659, 106.1288



88.5598, 93.7535, 108.0364



77.5893, 91.3883, 90.4799



18.7666, 19.8841, 23.0989



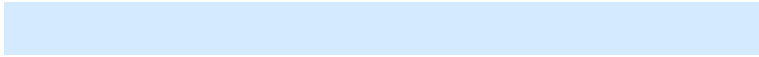
0.0000, 0.0000, 0.0000



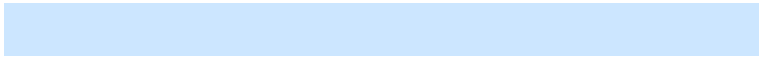
20.3446, 21.4041, 23.3091

Same Dimension

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



74.6263, 80.0659, 106.1288



71.2758, 76.7053, 105.6567



68.9258, 68.6647, 104.2286



17.7716, 18.9148, 22.9642



13.7866, 12.4828, 51.1174



1.4517, 1.4342, 5.0136

Inverse Universe

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



79.6361, 74.2890, 87.9876



77.1295, 70.1644, 84.4126



88.6558, 97.0772, 76.3541



18.3974, 18.1423, 20.7097



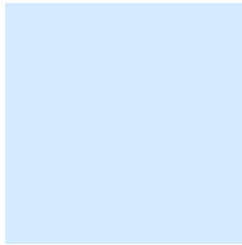
23.7471, 11.9881, 12.5844



2.3674, 1.1893, 1.5160

Previews

White Background



This preview shows how the XYZ color 74.6242, 80.0627, 106.1283 looks on a white background.

Color Contrast Check

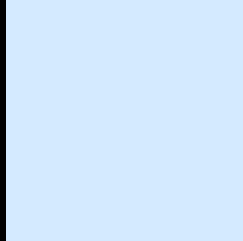
Large Text (above 18pt) WCAG AA × Fail

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 74.6242, 80.0627, 106.1283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

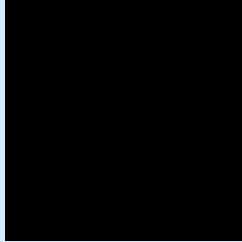
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

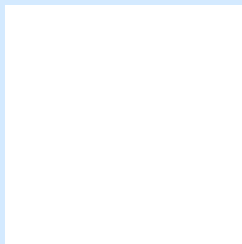
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.6242, 80.0627, 106.1283

Background



This preview shows how black text looks on a background with the XYZ color 74.6242, 80.0627, 106.1283.



This preview shows how white text looks on a background with the XYZ color 74.6242, 80.0627,

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

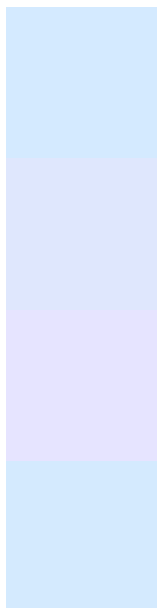




Tritanopia

74.3038, 79.9345, 104.4412

Trichromacy



Original Color

74.6242, 80.0627, 106.1283

Protanomaly

76.7370, 79.9317, 104.3124

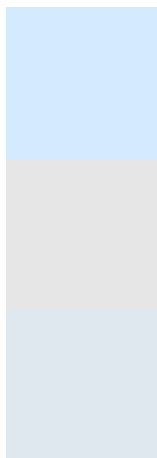
Deuteranomaly

78.4265, 79.5298, 105.8250

Tritanomaly

74.4636, 79.9984, 105.2825

Monochromacy



Original Color

74.6242, 80.0627, 106.1283

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.5873, 79.0718, 92.9926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6242, 80.0627, 106.1283 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, 234, 255)` looks like.

```
.text, #text, p{  
    color:rgb(212, 234, 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, 234, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 234, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.6242, 80.0627, 106.1283 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, 234, 255) }
```


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

```
.border{ border-color:rgb(212, 234, 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, 234, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 234, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 234, 255);  
box-shadow:4px 4px 4px 4px rgb(212, 234,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6242, 80.0627, 106.1283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 234, 255) }
```

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

```
.background{ background-color: rgb(212,  
234, 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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