

Converting Colors

XYZ(70.3627, 78.3082,
105.1724)

Have a look what the booklet for
XYZ(70.3627, 78.3082, 105.1724)
contains.

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Color

**XYZ(70.3627, 78.3082,
105.1724)**

Conversions

Conversions Part 1

Format	Color
Hex	C4EBFE
RGB	196, 235, 254
RGB Percent	77%, 92%, 100%
CMY	0.2314, 0.0784, 0.0039
CMYK	0.23, 0.07, 0.00, 0.00
HSL	200°, 97%, 88%
HSV	200°, 23%, 100%
XYZ	70.3627, 78.3082, 105.1724
YIQ	225.5050, -29.3430, -2.3590

Conversions

Conversions Part 2

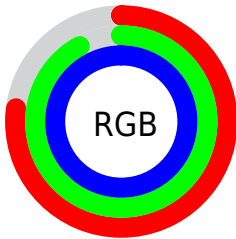
Format	Color
R _{YB}	196, 219, 254
Decimal	12905470
CIE Lab	90.92, -8.55, -13.36
CIE LCh	91, 15.859, 237.370
Yxy	78.3082, 0.2772, 0.3085
Android (android.graphics.Color)	4291095550 (0xFFC4EBFE)
YUV	225.5050, 14.0480, -25.8759
Hunter-Lab	88.4919, -12.9299, -8.5217

Details

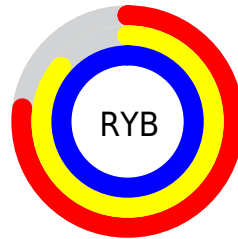
The XYZ color **70.3627, 78.3082, 105.1724** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.1381, 73.6576, 62.4835**, and the grayscale version is **71.8505, 75.5923, 82.3200**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **37.1826, 41.9341, 58.9577** is the 20% darker color. If you saturate the color by 10%, you get **61.9809, 70.5353, 104.1151**, and if you desaturate by 10%, it is **79.9791, 86.8868, 106.3227**.

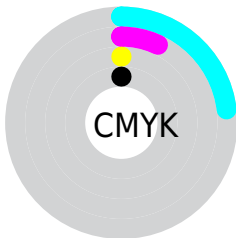
Distribution



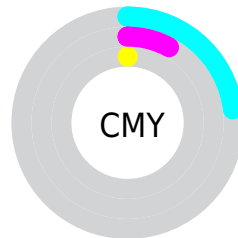
- Red (77%)
- Green (92%)
- Blue (100%)



- Red (77%)
- Yellow (86%)
- Blue (100%)



- Cyan (23%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.3627, 78.3082, 105.1724 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 70.3627, 78.3082, 105.1724 by changing the saturation by 10% instead.

70.3627, 78.3082,
105.1724

70.3627, 78.3082,
105.1724

451.0691,
489.2129, 598.0394

52.1029, 58.3272,
79.9863

118.7493,
130.9845, 170.3609

37.3117, 42.0717,
59.1810

149.6068,
164.4486, 211.2004

25.6237, 29.1575,
42.3379

185.3944,
203.1758, 258.0948

16.6736, 19.2000,
29.0384

226.4772,
247.5506, 311.4627

10.0959, 11.8149,
18.8640

273.2208,
297.9572, 371.7225

5.5253, 6.6177,
11.3963

325.9903,

2.5966, 3.2242,

354.7803, 439.2929

6.2165

385.1513,
418.4040, 514.5923

■ 0.9442, 1.2499,
2.9063

■ 0.0000, 0.1019,
1.0470

■ 70.3627, 78.3082,
105.1724

■ 70.3627, 78.3082,
105.1724

■ 61.9809, 70.5353,
104.1151

■ 79.9791, 86.8868,
106.3227

■ 54.7688, 63.5267,
103.1425

■ 90.8767, 96.2916,
107.5636

■ 48.6660, 57.2507,
102.2527

■ 94.8896, 99.9359,
108.0555

■ 43.6035, 51.6697,
101.4423

■ 39.5041, 46.7412,
100.7071

■ 36.2786, 42.4170,
100.0424

■ 33.8192, 38.6390,
99.4428

■ 32.4159, 36.2084,
99.0476

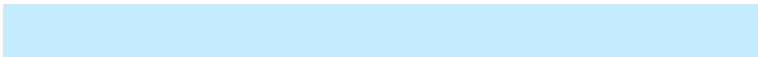
Harmonies

Analogous

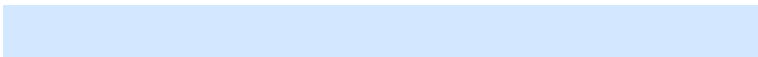
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.8122, 78.3082, 95.7866



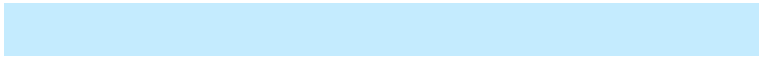
70.3627, 78.3082, 105.1724



74.0775, 78.3082, 109.1907

Triad

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



70.3627, 78.3082, 105.1724



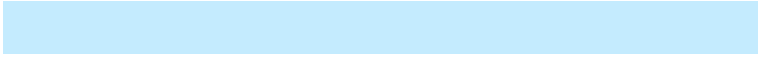
82.3723, 78.3082, 86.2782



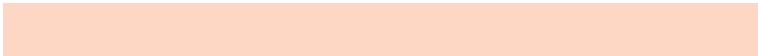
70.9527, 78.3082, 67.1766

Complementary

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



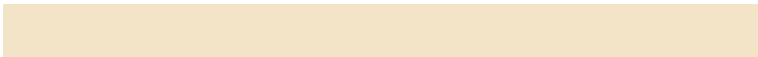
70.3627, 78.3082, 105.1724



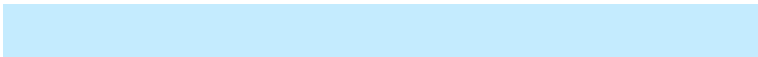
75.1381, 73.6576, 62.4835

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.



74.7828, 78.3082, 65.1164



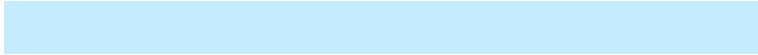
70.3627, 78.3082, 105.1724



81.4640, 78.3082, 75.5423

Square

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



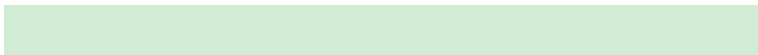
70.3627, 78.3082, 105.1724



81.0901, 78.3082, 97.6894



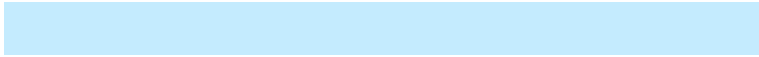
78.6503, 78.3082, 68.0418



68.1442, 78.3082, 73.9402

Rectangle

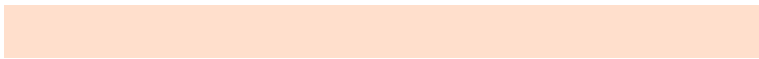
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.3627, 78.3082, 105.1724



76.7472, 78.3082, 108.0387



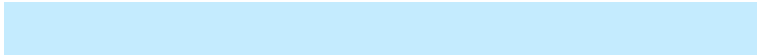
78.6503, 78.3082, 68.0418



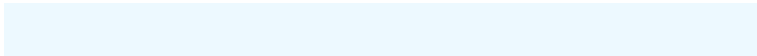
72.1592, 78.3082, 65.9389

Sweetspot

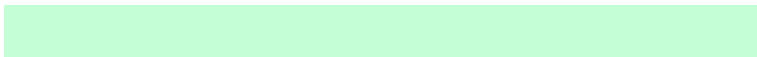
The Sweet Spot groups the original color and five complimentary colors.



70.3650, 78.3114, 105.1742



86.9483, 93.0966, 107.9945



70.3928, 87.4947, 77.0439



18.4675, 19.8033, 23.0990



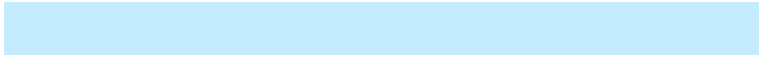
0.0000, 0.0000, 0.0000



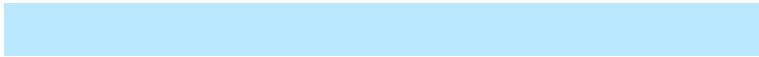
20.3446, 21.4041, 23.3091

Same Dimension

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



70.3650, 78.3114, 105.1742



67.3193, 75.6442, 105.6604



62.8801, 63.3415, 102.6792



18.0240, 19.4197, 23.0484



17.2302, 19.3701, 52.2652



1.7774, 2.0856, 5.1222

Inverse Universe

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



75.6103, 66.5508, 87.4613



73.4599, 62.2928, 84.8306



82.9987, 89.3787, 65.1037



18.5248, 18.1932, 21.3806



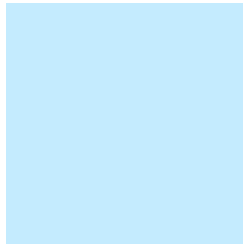
25.4852, 12.6834, 21.7375



2.5318, 1.2551, 2.3818

Previews

White Background



This preview shows how the XYZ color 70.3627, 78.3082, 105.1724 looks on a white background.

Color Contrast Check

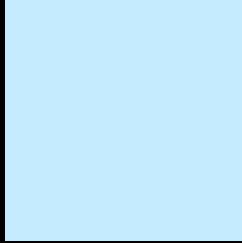
Large Text (above 18pt) WCAG AA × Fail

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 70.3627, 78.3082, 105.1724 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 70.3627, 78.3082, 105.1724

Background



This preview shows how black text looks on a background with the XYZ color 70.3627, 78.3082, 105.1724.

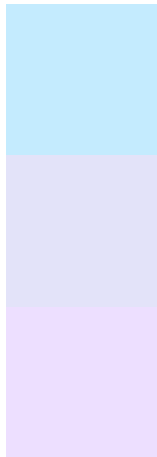


This preview shows how white text looks on a background with the XYZ color 70.3627, 78.3082,

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

70.3627, 78.3082, 105.1724

Protanopia

76.2465, 78.1086, 100.6804

Deuteranopia

79.3627, 77.9999, 105.4804



Tritanopia

70.3627, 78.3082, 105.1724

Trichromacy



Original Color

70.3627, 78.3082, 105.1724

Protanomaly

74.0283, 78.1576, 102.4510

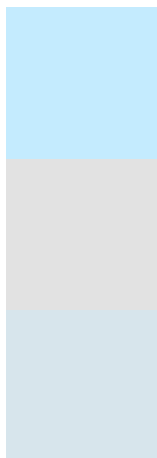
Deuteranomaly

75.6433, 77.6878, 105.6162

Tritanomaly

70.3627, 78.3082, 105.1724

Monochromacy



Original Color

70.3627, 78.3082, 105.1724

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

71.1840, 76.5418, 90.3791

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.3627, 78.3082, 105.1724 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(196, 235, 254)` looks like.

```
.text, #text, p{  
    color:rgb(196, 235, 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(196, 235, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 235, 254) }
```

Border

The CSS property to change the border of an element to XYZ 70.3627, 78.3082, 105.1724 is called "border". The border property can be set on classes, ids or directly on the HTML element.

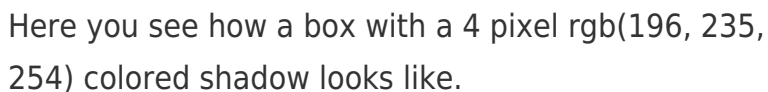
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 235, 254) }
```


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

```
.border{ border-color:rgb(196, 235, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 235, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 235, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 235, 254); box-shadow:4px 4px 4px 4px rgb(196, 235, 254) }
```

Background

The CSS property to change the background color of an element to XYZ 70.3627, 78.3082, 105.1724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 235, 254) }
```

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

```
.background{ background-color: rgb(196,  
235, 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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