

Converting Colors

XYZ(69.6245, 81.5366,
104.0930)

Have a look what the booklet for
XYZ(69.6245, 81.5366, 104.0930)
contains.

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Color

**XYZ(69.6289, 81.4437,
104.1458)**

Conversions

Conversions Part 1

Format	Color
Hex	B9F3FC
RGB	185, 243, 252
RGB Percent	73%, 95%, 99%
CMY	0.2745, 0.0470, 0.0118
CMYK	0.27, 0.04, 0.00, 0.01
HSL	188°, 92%, 86%
HSV	188°, 27%, 99%
XYZ	69.6289, 81.4437, 104.1458
YIQ	226.6840, -37.4570, -9.4970

Conversions

Conversions Part 2

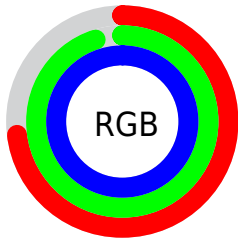
Format	Color
R _Y B	185, 216, 252
Decimal	12186620
CIE Lab	92.33, -16.20, -10.28
CIE LCh	92, 19.188, 212.404
Yxy	81.4437, 0.2728, 0.3191
Android (android.graphics.Color)	4290376700 (0xFFB9F3FC)
YUV	226.6840, 12.4808, -36.5569
Hunter-Lab	90.2462, -20.2102, -5.2495

Details

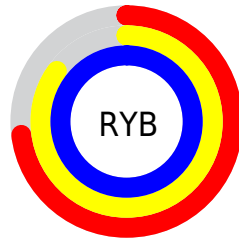
The XYZ color **69.6289, 81.4437, 104.1458** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.1947, 62.7825, 54.4249**, and the grayscale version is **72.7179, 76.5049, 83.3138**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **36.8266, 44.2266, 58.2254** is the 20% darker color. If you saturate the color by 10%, you get **63.0773, 76.5786, 103.5534**, and if you desaturate by 10%, it is **77.2814, 86.9081, 104.7986**.

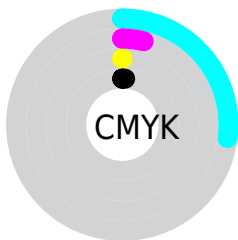
Distribution



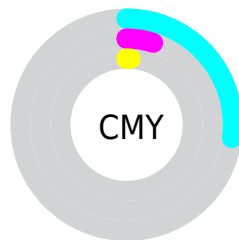
- Red (73%)
- Green (95%)
- Blue (99%)



- Red (73%)
- Yellow (85%)
- Blue (99%)



- Cyan (27%)
- Magenta (4%)
- Yellow (0%)
- Black (1%)



- Cyan (27%)
- Magenta (5%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.6289, 81.4437, 104.1458 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 69.6289, 81.4437, 104.1458 by changing the saturation by 10% instead.

69.6289, 81.4437,
104.1458

69.6289, 81.4437,
104.1458

448.5327,
499.7850, 594.7641

51.5026, 60.9071,
79.1313

117.7085,
135.3936, 168.9443

36.8314, 44.1502,
58.4818

148.3926,
169.5757, 209.5653

25.2500, 30.7886,
41.7788

183.9932,
209.0751, 256.2255

16.3932, 20.4379,
28.6039

224.8757,
254.2761, 309.3435

9.8954, 12.7138,
18.5384

271.4056,
305.5632, 369.3379

5.3914, 7.2317,
11.1638

323.9482,

2.5158, 3.6075,

363.3208, 436.6270

6.0615

382.8687,
427.9333, 511.6296

■ 0.9032, 1.4565,
2.8131

■ 0.0000, 0.2578,
1.0000

■ 69.6289, 81.4437,
104.1458

■ 69.6289, 81.4437,
104.1458

■ 63.0773, 76.5786,
103.5534

■ 77.2814, 86.9081,
104.7986

■ 57.5624, 72.2735,
103.0131

■ 86.0804, 92.9894,
105.5086

■ 53.0244, 68.4994,
102.5238

■ 93.9857, 98.6380,
106.1822

■ 49.3943, 65.2206,
102.0823

■ 94.5709, 99.8084,
106.3773

■ 46.5939, 62.3967,
101.6848

■ 44.5317, 59.9802,
101.3271

■ 43.0926, 57.9119,
101.0037

■ 42.6840, 57.2545,
100.8983

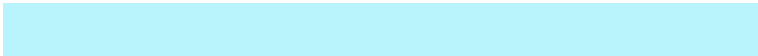
Harmonies

Analogous

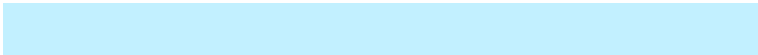
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.2611, 81.4437, 89.8298



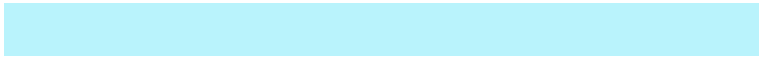
69.6289, 81.4437, 104.1458



73.0727, 81.4437, 115.1723

Triad

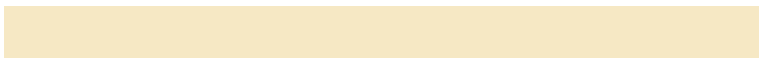
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.6289, 81.4437, 104.1458



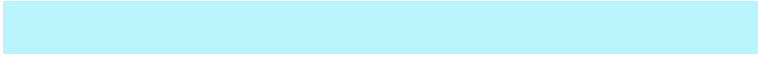
86.1791, 81.4437, 101.9510



77.0102, 81.4437, 64.0784

Complementary

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



69.6289, 81.4437, 104.1458



68.1947, 62.7825, 54.4249

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.



81.9152, 81.4437, 66.5950



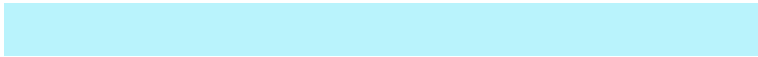
69.6289, 81.4437, 104.1458



87.3414, 81.4437, 87.5368

Square

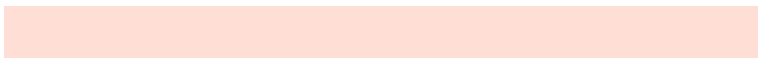
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



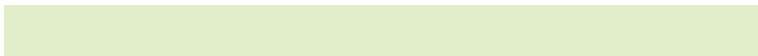
69.6289, 81.4437, 104.1458



82.6373, 81.4437, 113.8129



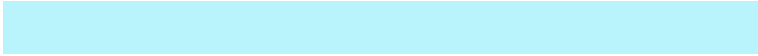
85.7498, 81.4437, 74.8236



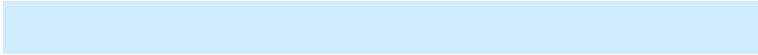
72.4075, 81.4437, 67.5467

Rectangle

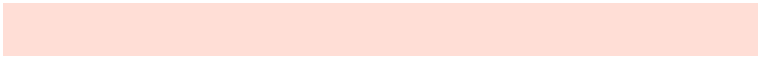
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



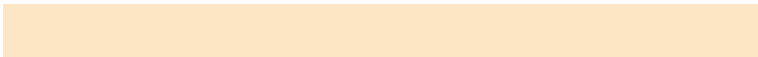
69.6289, 81.4437, 104.1458



76.1552, 81.4437, 118.6219



85.7498, 81.4437, 74.8236



78.6781, 81.4437, 64.2523

Sweetspot

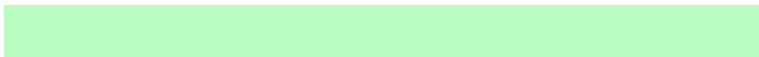
The Sweet Spot groups the original color and five complimentary colors.



69.6313, 81.4470, 104.1477



87.0713, 94.5987, 108.2780



64.5498, 83.8287, 63.7800



18.3346, 20.0408, 23.1519



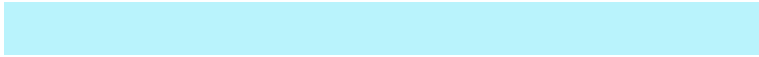
0.0000, 0.0000, 0.0000



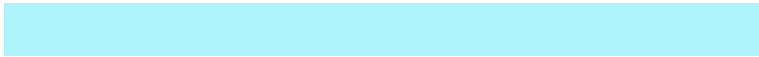
20.3446, 21.4041, 23.3091

Same Dimension

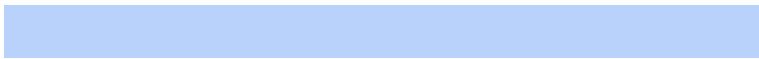
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.6313, 81.4470, 104.1477



67.7355, 80.8766, 106.6484



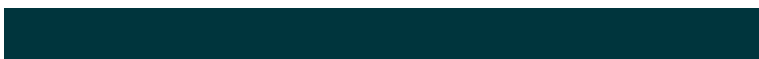
60.5198, 63.2240, 101.1105



17.5554, 19.1876, 22.1636



22.3139, 29.9834, 52.5849



2.1200, 2.8836, 4.8880

Inverse Universe

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



73.6735, 61.8665, 92.8560



72.5959, 57.8350, 92.9585



76.4912, 79.3755, 57.1904



17.8869, 17.4821, 21.2600



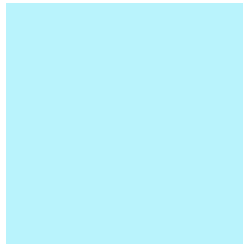
27.5551, 13.4377, 35.9610



2.5790, 1.2553, 3.4723

Previews

White Background



This preview shows how the XYZ color 69.6289, 81.4437, 104.1458 looks on a white background.

Color Contrast Check

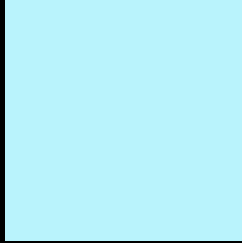
Large Text (above 18pt) WCAG AA × Fail

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 69.6289, 81.4437, 104.1458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

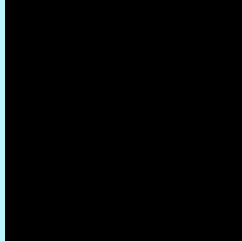
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.6289, 81.4437, 104.1458

Background



This preview shows how black text looks on a background with the XYZ color 69.6289, 81.4437, 104.1458.



This preview shows how white text looks on a background with the XYZ color 69.6289, 81.4437,

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

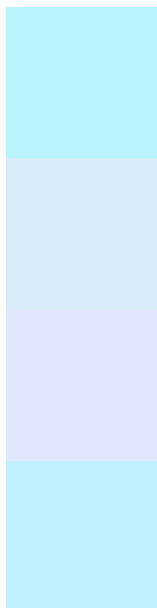




Tritanopia

72.4988, 81.5459, 106.5266

Trichromacy



Original Color

69.6289, 81.4437, 104.1458

Protanomaly

74.9705, 80.7929, 100.4502

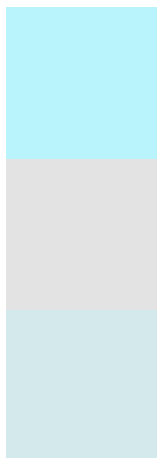
Deuteranomaly

77.1774, 80.5570, 105.2473

Tritanomaly

71.3370, 81.4038, 105.7186

Monochromacy



Original Color

69.6289, 81.4437, 104.1458

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

71.4306, 78.3310, 90.7115

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.6289, 81.4437, 104.1458 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(185, 243, 252)` looks like.

```
.text, #text, p{  
    color:rgb(185, 243, 252)  
}
```

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(185, 243, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 243, 252) }
```

Border

The CSS property to change the border of an element to XYZ 69.6289, 81.4437, 104.1458 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(185, 243, 252) }
```


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

```
.border{ border-color:rgb(185, 243, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 243, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 243, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 243, 252);  
box-shadow:4px 4px 4px 4px rgb(185, 243,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 69.6289, 81.4437, 104.1458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 243, 252) }
```

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

```
.background{ background-color: rgb(185,  
243, 252) }
```

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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