

Converting Colors

XYZ(66.2849, 75.8190,
103.2364)

Have a look what the booklet for
XYZ(66.2849, 75.8190, 103.2364)
contains.

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Color

**XYZ(66.2849, 75.8190,
103.2364)**

Conversions

Conversions Part 1

Format	Color
Hex	B6EAF0
RGB	182, 234, 252
RGB Percent	71%, 92%, 99%
CMY	0.2863, 0.0823, 0.0118
CMYK	0.28, 0.07, 0.00, 0.01
HSL	195°, 92%, 85%
HSV	195°, 28%, 99%
XYZ	66.2849, 75.8190, 103.2364
YIQ	220.5040, -36.7700, -5.4260

Conversions

Conversions Part 2

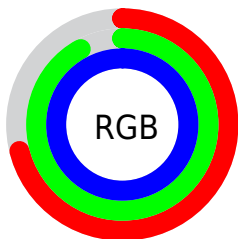
Format	Color
R_{YB}	182, 212, 252
Decimal	11987708
CIE _{Lab}	89.78, -12.53, -14.11
CIE _{LCh}	90, 18.869, 228.399
Yxy	75.8190, 0.2702, 0.3090
Android (android.graphics.Color)	4290177788 (0xFFB6EAFC)
YUV	220.5040, 15.5275, -33.7680
Hunter-Lab	87.0741, -16.4971, -9.3433

Details

The XYZ color **66.2849, 75.8190, 103.2364** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.2436, 65.3819, 53.2281**, and the grayscale version is **68.2947, 71.8514, 78.2461**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **34.5231, 40.2929, 57.5875** is the 20% darker color. If you saturate the color by 10%, you get **59.0502, 69.4027, 102.3805**, and if you desaturate by 10%, it is **74.6626, 82.9284, 104.1684**.

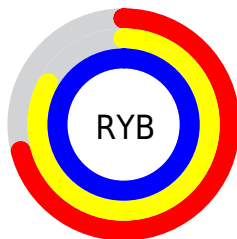
Distribution



Red (71%)

Green (92%)

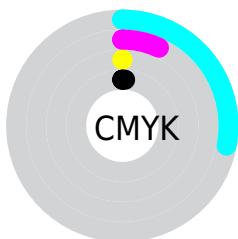
Blue (99%)



Red (71%)

Yellow (83%)

Blue (99%)

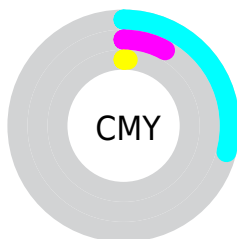


Cyan (28%)

Magenta (7%)

Yellow (0%)

Black (1%)



Cyan (29%)

Magenta (8%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.2849, 75.8190, 103.2364 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 66.2849, 75.8190, 103.2364 by changing the saturation by 10% instead.

66.2849, 75.8190,
103.2364

66.2849, 75.8190,
103.2364

436.8677,
480.7279, 591.8548

48.7723, 56.2841,
78.3742

112.9506,
127.4710, 167.6882

34.6527, 40.4308,
57.8632

142.8344,
160.3569, 208.1149

23.5607, 27.8746,
41.2847

177.5726,
198.4620, 254.5669

15.1310, 18.2311,
28.2202

217.5306,
242.1705, 307.4627

8.9983, 11.1160,
18.2513

263.0738,
291.8670, 367.2209

4.7972, 6.1449,
10.9592

314.5675,

2.1623, 2.9334,

347.9358, 434.2599

5.9256

372.3770,
410.7613, 508.9984

■ 0.7227, 1.0971,
2.7318

■ 0.0000, 0.0000,
0.9594

■ 66.2849, 75.8190,
103.2364

■ 66.2849, 75.8190,
103.2364

■ 59.0502, 69.4027,
102.3805

■ 74.6626, 82.9284,
104.1684

■ 52.8933, 63.6393,
101.5926

■ 84.2302, 90.7505,
105.1739

■ 47.7531, 58.4980,
100.8711

■ 94.0759, 98.8183,
106.2122

■ 43.5590, 53.9413,
100.2126

■ 94.5709, 99.8084,
106.3772

■ 40.2308, 49.9269,
99.6132

■ 37.6743, 46.4050,
99.0681

■ 35.7636, 43.3096,
98.5714

■ 35.3859, 42.6583,
98.4656

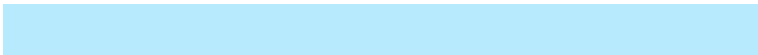
Harmonies

Analogous

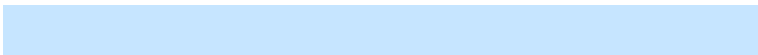
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



63.9027, 75.8190, 90.9088



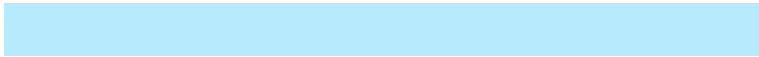
66.2849, 75.8190, 103.2364



70.2793, 75.8190, 110.2851

Triad

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



66.2849, 75.8190, 103.2364



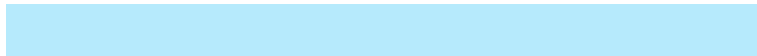
81.1884, 75.8190, 87.8150



69.2764, 75.8190, 60.5483

Complementary

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



66.2849, 75.8190, 103.2364



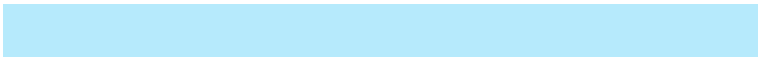
69.2436, 65.3819, 53.2281

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.



73.8780, 75.8190, 59.9110



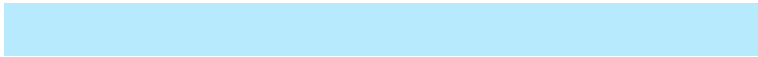
66.2849, 75.8190, 103.2364



80.8914, 75.8190, 74.7274

Square

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



66.2849, 75.8190, 103.2364



78.9636, 75.8190, 100.7627



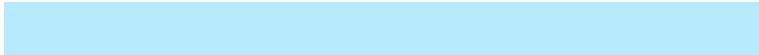
78.1689, 75.8190, 64.8367



65.5779, 75.8190, 66.6828

Rectangle

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



66.2849, 75.8190, 103.2364



73.3785, 75.8190, 110.5870



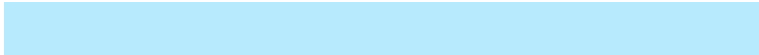
78.1689, 75.8190, 64.8367



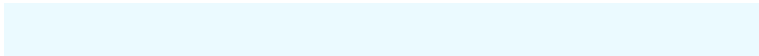
70.7647, 75.8190, 59.7104

Sweetspot

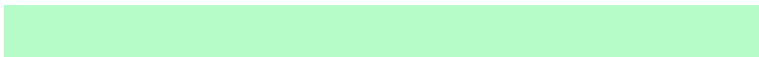
The Sweet Spot groups the original color and five complimentary colors.



66.2872, 75.8220, 103.2381



86.2886, 93.0332, 108.0171



64.4703, 83.7142, 67.0999



18.1363, 19.6443, 23.0858



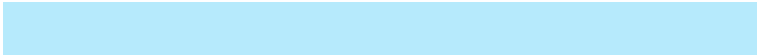
0.0000, 0.0000, 0.0000



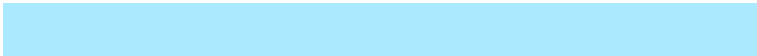
20.3446, 21.4041, 23.3091

Same Dimension

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



66.2872, 75.8220, 103.2381



64.0541, 74.3455, 105.5818



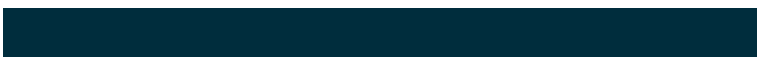
57.4024, 58.0524, 100.2765



17.3660, 18.8087, 22.1005



18.5578, 22.4711, 51.3328



1.8039, 2.2515, 4.7827

Inverse Universe

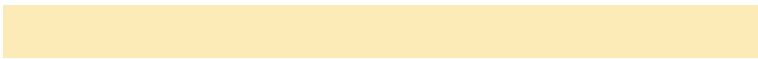
The Inverse Universe completely reimagines the original color for something new.



71.7260, 60.0937, 85.6642



70.5347, 56.2332, 84.5006



78.1552, 83.2051, 56.1987



17.7913, 17.4439, 20.7565



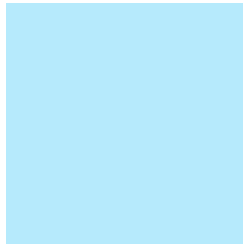
25.6591, 12.6794, 25.9771



2.4195, 1.1915, 2.6323

Previews

White Background



This preview shows how the XYZ color 66.2849, 75.8190, 103.2364 looks on a white background.

Color Contrast Check

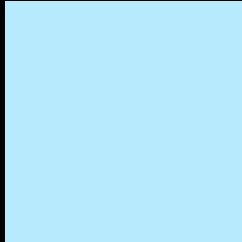
Large Text (above 18pt) WCAG AA × Fail

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 66.2849, 75.8190, 103.2364 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 66.2849, 75.8190, 103.2364

Background



This preview shows how black text looks on a background with the XYZ color 66.2849, 75.8190, 103.2364.

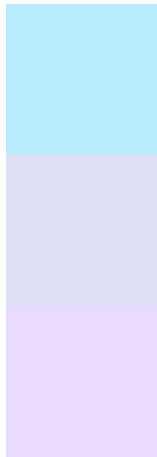


This preview shows how white text looks on a background with the XYZ color 66.2849, 75.8190,

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

66.2849, 75.8190, 103.2364

Protanopia

73.5685, 75.5919, 97.0994

Deuteranopia

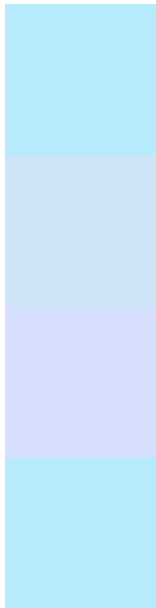
76.9858, 75.2067, 105.0665



Tritanopia

66.4438, 75.8826, 104.0733

Trichromacy



Original Color

66.2849, 75.8190, 103.2364

Protanomaly

70.6991, 75.6740, 99.6872

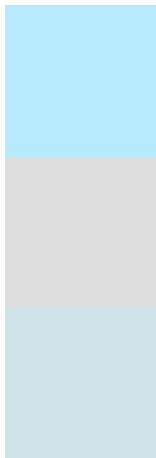
Deuteranomaly

72.2766, 74.7632, 104.3873

Tritanomaly

66.4438, 75.8826, 104.0733

Monochromacy



Original Color

66.2849, 75.8190, 103.2364

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.4940, 73.4843, 86.9705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2849, 75.8190, 103.2364 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(182, 234, 252)` looks like.

```
.text, #text, p{  
    color:rgb(182, 234, 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(182, 234, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 234, 252) }
```

Border

The CSS property to change the border of an element to XYZ 66.2849, 75.8190, 103.2364 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(182, 234, 252) }
```


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

```
.border{ border-color:rgb(182, 234, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 234, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 234, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 234, 252);  
box-shadow:4px 4px 4px 4px rgb(182, 234,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2849, 75.8190, 103.2364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 234, 252) }
```

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

```
.background{ background-color: rgb(182,  
234, 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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