

Converting Colors

XYZ(66.3184, 74.6239,
101.3210)

Have a look what the booklet for
XYZ(66.3184, 74.6239, 101.3210)
contains.

XYZ(66.3247, 74.6188, 101.3497)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(66.3247, 74.6188,
101.3497)**

Conversions

Conversions Part 1

Format	Color
Hex	BBE7FA
RGB	187, 231, 250
RGB Percent	73%, 91%, 98%
CMY	0.2667, 0.0941, 0.0196
CMYK	0.25, 0.08, 0.00, 0.02
HSL	198°, 86%, 86%
HSV	198°, 25%, 98%
XYZ	66.3247, 74.6188, 101.3497
YIQ	220.0100, -32.3230, -3.4190

Conversions

Conversions Part 2

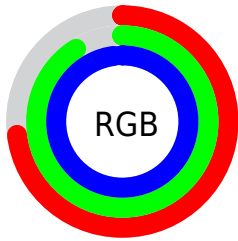
Format	Color
R_{YB}	187, 213, 250
Decimal	12314618
CIE _{Lab}	89.21, -10.02, -13.87
CIE _{LCh}	89, 17.114, 234.159
Yxy	74.6188, 0.2737, 0.3080
Android (android.graphics.Color)	4290504698 (0xFFBBE7FA)
YUV	220.0100, 14.7851, -28.9498
Hunter-Lab	86.3822, -14.1155, -9.0957

Details

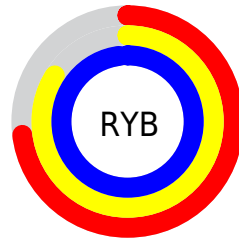
The XYZ color **66.3247, 74.6188, 101.3497** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.4660, 68.0546, 56.4371**, and the grayscale version is **67.9526, 71.4914, 77.8541**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **34.5833, 39.4605, 56.8328** is the 20% darker color. If you saturate the color by 10%, you get **58.6687, 67.6086, 100.4014**, and if you desaturate by 10%, it is **75.1407, 82.3656, 102.3816**.

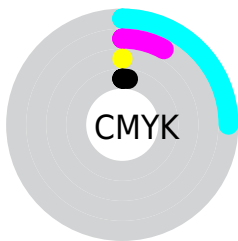
Distribution



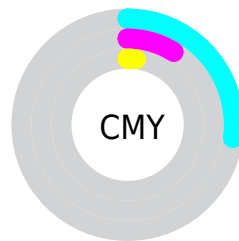
- Red (73%)
- Green (91%)
- Blue (98%)



- Red (73%)
- Yellow (84%)
- Blue (98%)



- Cyan (25%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)



- Cyan (27%)
- Magenta (9%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.3247, 74.6188, 101.3497 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 66.3247, 74.6188, 101.3497 by changing the saturation by 10% instead.

66.3247, 74.6188,
101.3497

66.3247, 74.6188,
101.3497

437.0076,
476.6063, 585.7949

48.8047, 55.3007,
76.8051

113.0074,
125.7726, 165.0788

34.6785, 39.6425,
56.5823

142.9008,
158.3771, 205.1003

23.5807, 27.2599,
40.2628

177.6494,
196.1791, 251.1178

15.1459, 17.7685,
27.4282

217.6185,
239.5630, 303.5499

9.0088, 10.7839,
17.6598

263.1736,
288.9134, 362.8151

4.8041, 5.9217,
10.5391

314.6798,

2.1664, 2.7975,

344.6144, 429.3320

5.6476

372.5027,
407.0506, 503.5191

■ 0.7249, 1.0270,
2.5667

■ 0.0000, 0.0000,
0.8752

■ 66.3247, 74.6188,
101.3497

■ 66.3247, 74.6188,
101.3497

■ 58.6687, 67.6086,
100.4014

■ 75.1407, 82.3656,
102.3816

■ 52.1098, 61.2954,
99.5285

■ 85.1623, 90.8686,
103.4946

■ 46.5887, 55.6487,
98.7295

■ 93.8171, 98.8052,
104.5704

■ 42.0380, 50.6321,
98.0011

■ 94.2556, 99.6822,
104.7165

■ 38.3812, 46.2043,
97.3392

■ 35.5297, 42.3178,
96.7393

■ 33.3743, 38.9146,
96.1960

■ 32.5108, 37.4127,
95.9516

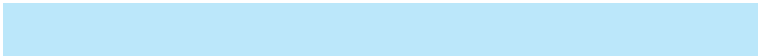
Harmonies

Analogous

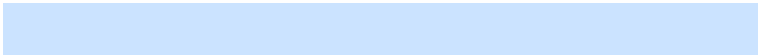
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



63.8464, 74.6188, 91.0263



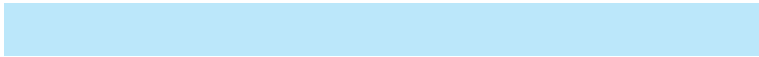
66.3247, 74.6188, 101.3497



70.1090, 74.6188, 106.3366

Triad

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



66.3247, 74.6188, 101.3497



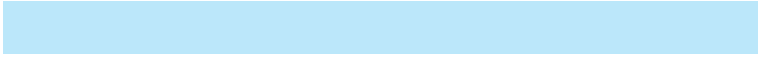
79.2140, 74.6188, 83.6099



67.6873, 74.6188, 62.0206

Complementary

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



66.3247, 74.6188, 101.3497



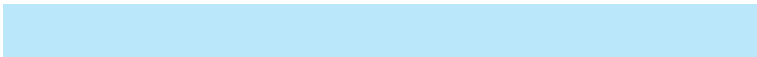
70.4660, 68.0546, 56.4371

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.



71.7432, 74.6188, 60.4515



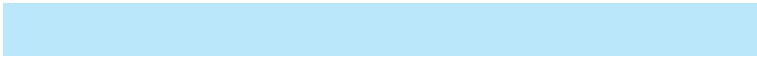
66.3247, 74.6188, 101.3497



78.5039, 74.6188, 72.1948

Square

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



66.3247, 74.6188, 101.3497



77.6328, 74.6188, 95.4690



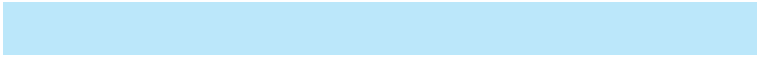
75.7289, 74.6188, 63.9958



64.6113, 74.6188, 68.5130

Rectangle

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



66.3247, 74.6188, 101.3497



72.9051, 74.6188, 105.6451



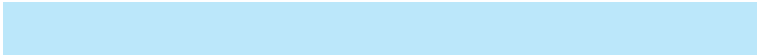
75.7289, 74.6188, 63.9958



68.9770, 74.6188, 60.9283

Sweetspot

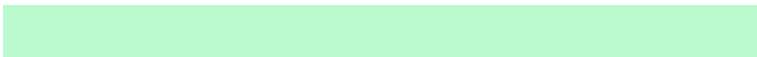
The Sweet Spot groups the original color and five complimentary colors.



66.3269, 74.6218, 101.3514



86.0079, 92.4719, 107.9235



65.8090, 83.3888, 70.9574



18.0654, 19.5024, 23.0621



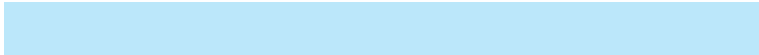
0.0000, 0.0000, 0.0000



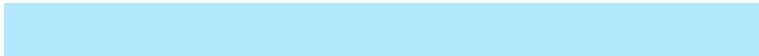
20.3446, 21.4041, 23.3091

Same Dimension

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



66.3269, 74.6218, 101.3514



65.3625, 74.4192, 105.5271



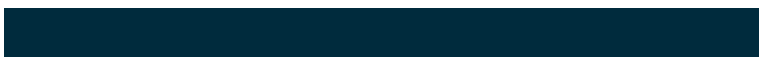
58.3120, 58.5920, 98.6798



17.2982, 18.6731, 22.0779



17.3768, 20.1092, 50.9392



1.7024, 2.0484, 4.7488

Inverse Universe

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



71.6202, 61.6358, 83.7269



71.8159, 59.1225, 83.9200



78.7955, 84.7135, 59.2136



17.7570, 17.4302, 20.5763



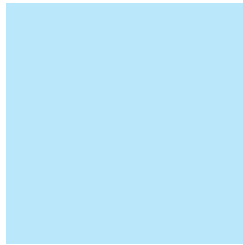
25.0630, 12.4409, 22.8381



2.3682, 1.1710, 2.3623

Previews

White Background



This preview shows how the XYZ color 66.3247, 74.6188, 101.3497 looks on a white background.

Color Contrast Check

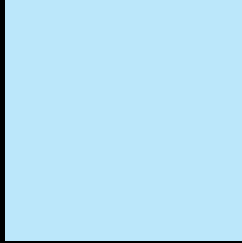
Large Text (above 18pt) WCAG AA × Fail

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 66.3247, 74.6188, 101.3497 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 66.3247, 74.6188, 101.3497

Background



This preview shows how black text looks on a background with the XYZ color 66.3247, 74.6188, 101.3497.

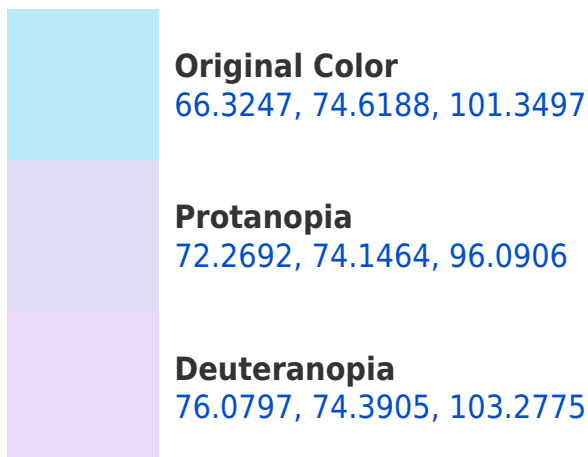


This preview shows how white text looks on a background with the XYZ color 66.3247, 74.6188,

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

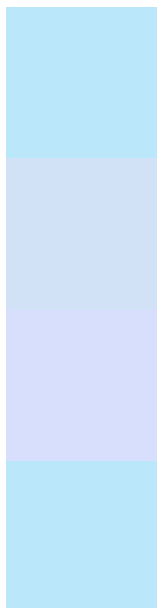




Tritanopia

66.3247, 74.6188, 101.3497

Trichromacy



Original Color

66.3247, 74.6188, 101.3497

Protanomaly

69.8543, 74.0596, 97.8020

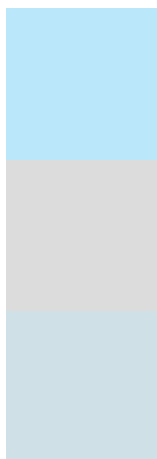
Deuteranomaly

72.2773, 74.4026, 102.6472

Tritanomaly

66.3247, 74.6188, 101.3497

Monochromacy



Original Color

66.3247, 74.6188, 101.3497

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.0919, 72.4907, 86.0573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3247, 74.6188, 101.3497 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(187, 231, 250)` looks like.

```
.text, #text, p{  
    color:rgb(187, 231, 250)  
}
```

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(187, 231, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 231, 250) }
```

Border

The CSS property to change the border of an element to XYZ 66.3247, 74.6188, 101.3497 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(187, 231, 250) }
```


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

```
.border{ border-color:rgb(187, 231, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 231, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 231, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 231, 250);  
box-shadow:4px 4px 4px 4px rgb(187, 231,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3247, 74.6188, 101.3497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 231, 250) }
```

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

```
.background{ background-color: rgb(187,  
231, 250) }
```

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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