

# Converting Colors

XYZ(60.0876, 65.9351, 92.3974)

Have a look what the booklet for  
XYZ(60.0876, 65.9351, 92.3974)  
contains.

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# Color

**XYZ(60.2185, 66.0439,  
92.7930)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7D9F1
RGB	183, 217, 241
RGB Percent	72%, 85%, 95%
CMY	0.2823, 0.1490, 0.0549
CMYK	0.24, 0.10, 0.00, 0.05
HSL	205°, 67%, 83%
HSV	205°, 24%, 95%
XYZ	60.2185, 66.0439, 92.7930
YIQ	209.5700, -27.9680, 0.2560

# Conversions

## Conversions Part 2

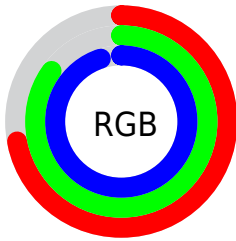
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	183, 204, 241
Decimal	12048881
CIE Lab	85.02, -5.99, -15.45
CIE LCh	85, 16.568, 248.814
Yxy	66.0439, 0.2749, 0.3015
Android (android.graphics.Color)	4290238961 (0xFFB7D9F1)
YUV	209.5700, 15.4950, -23.3019
Hunter-Lab	81.2674, -9.9509, -10.8115

# Details

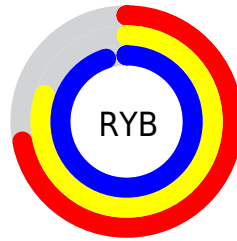
The XYZ color **60.2185, 66.0439, 92.7930** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **67.1364, 66.7456, 54.1460**, and the grayscale version is **60.8933, 64.0645, 69.7662**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **30.7305, 34.0106, 50.8440** is the 20% darker color. If you saturate the color by 10%, you get **52.4770, 58.3535, 91.7177**, and if you desaturate by 10%, it is **69.1008, 74.5562, 93.9690**.

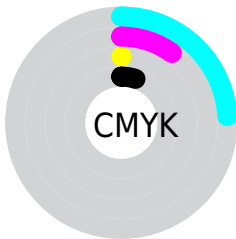
# Distribution



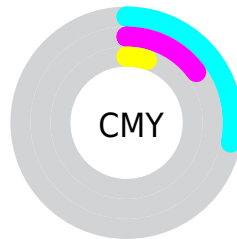
- Red (72%)
- Green (85%)
- Blue (95%)



- Red (72%)
- Yellow (80%)
- Blue (95%)



- Cyan (24%)
- Magenta (10%)
- Yellow (0%)
- Black (5%)



- Cyan (28%)
- Magenta (15%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2185, 66.0439, 92.7930 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 60.2185, 66.0439, 92.7930 by changing the saturation by 10% instead.



■ 60.2185, 66.0439,  
92.7930

■ 60.2185, 66.0439,  
92.7930

415.2245,  
446.5339, 557.8779

■ 43.8449, 48.3080,  
69.7128

■ 104.2511,  
113.5493, 153.1812

■ 30.7460, 34.0709,  
50.8170

132.6408,  
144.0877, 191.3263

■ 20.5564, 22.9481,  
35.6873

165.7667,  
179.6624, 235.3300

■ 12.9107, 14.5552,  
23.9050

203.9939,  
220.6577, 285.6110

■ 7.4437, 8.5078,  
15.0516

247.6880,  
267.4581, 342.5877

■ 3.7899, 4.4216,  
8.7086

297.2142,

■ 1.5840, 1.9121,

320.4481, 406.6788

4.4574

352.9379,  
380.0118, 478.3027

■ 0.3819, 0.5556,  
1.8795

■ 0.0000, 0.0000,  
0.4796

■ 60.2185, 66.0439,  
92.7930

■ 60.2185, 66.0439,  
92.7930

■ 52.4770, 58.3535,  
91.7177

■ 69.1008, 74.5562,  
93.9690

■ 45.8175, 51.4459,  
90.7354

■ 79.1670, 83.9116,  
95.2442

■ 40.1850, 45.2900,  
89.8441

■ 90.3533, 94.0829,  
96.6179

■ 35.5164, 39.8492,  
89.0400

■ 92.8774, 99.1310,  
97.4592

■ 31.7413, 35.0827,  
88.3189

■ 28.7783, 30.9441,  
87.6762

■ 26.5287, 27.3777,  
87.1064

■ 25.4446, 25.4854,  
86.7983

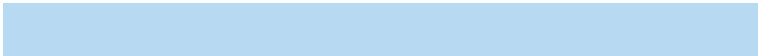
# Harmonies

## Analogous

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



57.3532, 66.0439, 85.5558



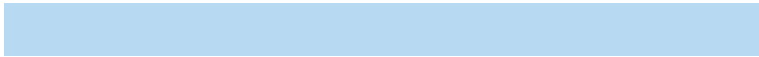
60.2185, 66.0439, 92.7930



63.8771, 66.0439, 94.1564

# Triad

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



60.2185, 66.0439, 92.7930



70.1234, 66.0439, 68.8117



58.3876, 66.0439, 57.0760

# Complementary

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



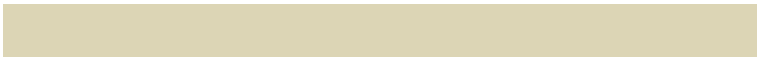
60.2185, 66.0439, 92.7930



67.1364, 66.7456, 54.1460

# 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.



61.6812, 66.0439, 53.4775



60.2185, 66.0439, 92.7930



68.5234, 66.0439, 59.7992

# Square

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



60.2185, 66.0439, 92.7930



69.6940, 66.0439, 79.5852



65.3982, 66.0439, 54.4226



56.3256, 66.0439, 64.7459



# Rectangle

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



60.2185, 66.0439, 92.7930



66.2901, 66.0439, 91.4322



65.3982, 66.0439, 54.4226



59.3821, 66.0439, 55.3864

# Sweetspot

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



60.2205, 66.0466, 92.7945



86.4742, 92.1484, 107.8365



62.1500, 77.4451, 70.1942



18.3576, 19.5835, 23.0624



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

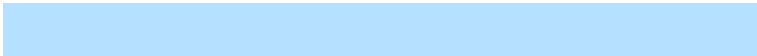


# Same Dimension

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



60.2205, 66.0466, 92.7945



63.8819, 70.5780, 104.8637



53.5617, 52.7290, 90.5749



15.6673, 16.7688, 20.1325



13.9340, 14.0923, 47.1136



1.2570, 1.3680, 3.9520



# Inverse Universe

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



65.7351, 57.5792, 73.2979



71.2833, 59.7318, 78.5803



74.5897, 81.6522, 56.6305



16.1615, 15.9143, 18.4068



22.3589, 11.2160, 15.0722

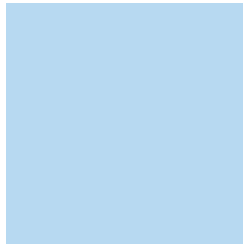


1.9094, 0.9528, 1.5139



# Previews

## White Background



This preview shows how the XYZ color 60.2185, 66.0439, 92.7930 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

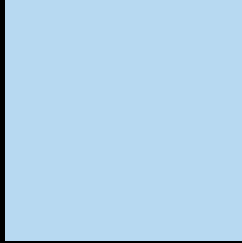
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 60.2185, 66.0439, 92.7930 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

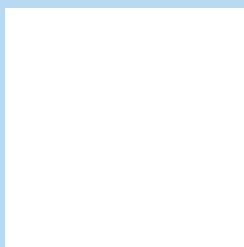
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 60.2185, 66.0439, 92.7930**

## **Background**



This preview shows how black text looks on a background with the XYZ color 60.2185, 66.0439, 92.7930.



This preview shows how white text looks on a background with the XYZ color 60.2185, 66.0439,



# 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

60.2185, 66.0439, 92.7930

### Protanopia

64.3451, 65.6175, 89.3949

### Deuteranopia

67.4039, 66.0021, 93.9811



## Tritanopia

59.3582, 66.0860, 88.2246

# Trichromacy



## Original Color

60.2185, 66.0439, 92.7930

## Protanomaly

62.7801, 65.9037, 90.3007

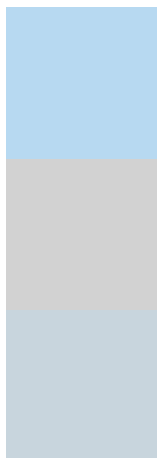
## Deuteranomaly

64.4981, 65.9785, 93.3401

## Tritanomaly

59.6489, 66.2023, 89.7553

# Monochromacy



## Original Color

60.2185, 66.0439, 92.7930

## Achromatopsia

61.2578, 64.4480, 70.1838

## Achromatomaly

60.6648, 65.0883, 77.7725

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 60.2185, 66.0439, 92.7930 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(183, 217, 241)` looks like.

```
.text, #text, p{  
    color:rgb(183, 217, 241)  
}
```

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(183, 217, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 217, 241) }
```

## Border

The CSS property to change the border of an element to XYZ 60.2185, 66.0439, 92.7930 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(183, 217, 241) }
```



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

```
.border{ border-color:rgb(183, 217, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 217, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 217, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 217, 241);  
box-shadow:4px 4px 4px 4px rgb(183, 217,  
241) }
```

# Background

The CSS property to change the background color of an element to XYZ 60.2185, 66.0439, 92.7930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 217, 241) }
```

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

```
.background{ background-color: rgb(183,  
217, 241) }
```

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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