

Converting Colors

XYZ(59.7829, 62.5605,
101.3030)

Have a look what the booklet for
XYZ(59.7829, 62.5605, 101.3030)
contains.

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Color

**XYZ(59.6626, 62.5743,
101.0290)**

Conversions

Conversions Part 1

Format	Color
Hex	B6D1FC
RGB	182, 209, 252
RGB Percent	71%, 82%, 99%
CMY	0.2863, 0.1804, 0.0118
CMYK	0.28, 0.17, 0.00, 0.01
HSL	217°, 92%, 85%
HSV	217°, 28%, 99%
XYZ	59.6626, 62.5743, 101.0290
YIQ	205.8290, -29.8950, 7.6490

Conversions

Conversions Part 2

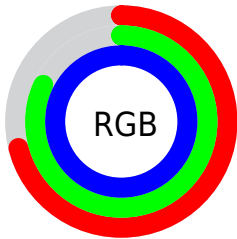
Format	Color
R_{YB}	182, 201, 252
Decimal	11981308
CIE _{Lab}	83.22, 0.45, -24.01
CIE _{LCh}	83, 24.010, 271.072
Yxy	62.5743, 0.2672, 0.2803
Android (android.graphics.Color)	4290171388 (0xFFB6D1FC)
YUV	205.8290, 22.7623, -20.8980
Hunter-Lab	79.1039, -3.8017, -20.3506

Details

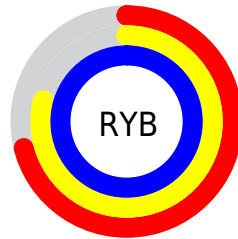
The XYZ color **59.6626, 62.5743, 101.0290** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **75.5146, 77.9240, 55.3186**, and the grayscale version is **58.4313, 61.4743, 66.9455**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **30.4738, 31.9720, 56.1948** is the 20% darker color. If you saturate the color by 10%, you get **50.6233, 52.5489, 99.5714**, and if you desaturate by 10%, it is **70.1458, 73.8947, 102.6626**.

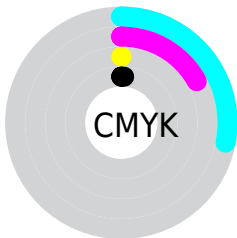
Distribution



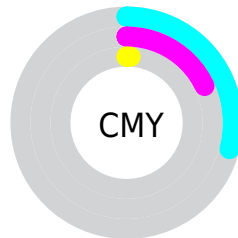
- Red (71%)
- Green (82%)
- Blue (99%)



- Red (71%)
- Yellow (79%)
- Blue (99%)



- Cyan (28%)
- Magenta (17%)
- Yellow (0%)
- Black (1%)



- Cyan (29%)
- Magenta (18%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6626, 62.5743, 101.0290 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 59.6626, 62.5743, 101.0290 by changing the saturation by 10% instead.

■ 59.6626, 62.5743,
101.0290

■ 59.6626, 62.5743,
101.0290

413.2077,
434.0229, 584.7616

■ 43.3952, 45.4969,
76.5385

■ 103.4492,
108.5551, 164.6347

■ 30.3911, 31.8490,
56.3649

131.6991,
138.2273, 204.5871

■ 20.2852, 21.2462,
40.0896

164.6738,
172.8666, 250.5304

■ 12.7120, 13.3041,
27.2941

202.7387,
212.8574, 302.8834

■ 7.3062, 7.6383,
17.5598

246.2592,
258.5840, 362.0644

■ 3.7023, 3.8644,
10.4683

295.6007,

■ 1.5351, 1.5980,

310.4308, 428.4921

5.6009

351.1284,
368.7823, 502.5850

■ 0.3496, 0.3562,
2.5391

■ 0.0000, 0.0000,
0.8608

■ 59.6626, 62.5743,
101.0290

■ 59.6626, 62.5743,
101.0290

■ 50.6233, 52.5489,
99.5714

■ 70.1458, 73.8947,
102.6626

■ 42.9540, 43.7606,
98.2793

■ 82.1301, 86.5503,
104.4737

■ 36.5829, 36.1576,
97.1476

94.5709, 99.8084,
106.3771

■ 31.4287, 29.6808,
96.1691

■ 27.3999, 24.2651,
95.3361

■ 24.3901, 19.8366,
94.6399

■ 22.2605, 16.3035,
94.0702

■ 21.8646, 15.6158,
93.9583

Harmonies

Analogous

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



54.7601, 62.5743, 96.4519



59.6626, 62.5743, 101.0290



64.7962, 62.5743, 95.7768

Triad

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



59.6626, 62.5743, 101.0290



68.4739, 62.5743, 54.3731



51.1316, 62.5743, 55.1769

Complementary

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



59.6626, 62.5743, 101.0290



75.5146, 77.9240, 55.3186

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.



54.4534, 62.5743, 46.3965



59.6626, 62.5743, 101.0290



64.4531, 62.5743, 45.9823

Square

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



59.6626, 62.5743, 101.0290



70.0629, 62.5743, 67.5975



59.2878, 62.5743, 43.2866



50.0114, 62.5743, 68.6709

Rectangle

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



59.6626, 62.5743, 101.0290



67.6129, 62.5743, 87.7951



59.2878, 62.5743, 43.2866



52.0178, 62.5743, 51.6499

Sweetspot

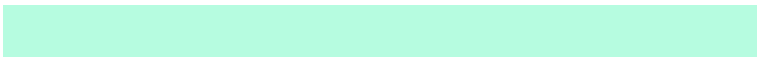
The Sweet Spot groups the original color and five complimentary colors.



59.6646, 62.5768, 101.0304



84.0709, 88.5980, 107.2778



67.5579, 84.9491, 83.3587



17.5775, 18.5265, 22.8995



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.



59.6646, 62.5768, 101.0304



56.2411, 58.7193, 102.9775



55.2866, 51.3049, 99.0855



16.8320, 17.7408, 21.9225



11.5214, 8.3984, 48.9874



1.1663, 0.9763, 4.5701

Inverse Universe

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



68.3831, 58.7567, 68.0612



66.5910, 54.6558, 63.7334



80.9114, 92.4119, 57.8306



17.5217, 17.3360, 19.3371



22.1075, 11.2587, 7.2745



2.0976, 1.0628, 0.9375

Previews

White Background



This preview shows how the XYZ color 59.6626, 62.5743, 101.0290 looks on a white background.

Color Contrast Check

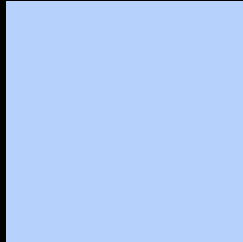
Large Text (above 18pt) WCAG AA × Fail

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 59.6626, 62.5743, 101.0290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

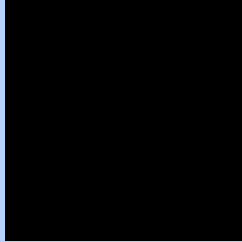
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

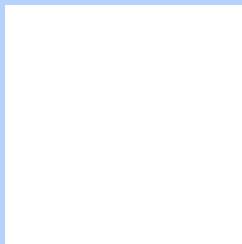
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.6626, 62.5743, 101.0290

Background



This preview shows how black text looks on a background with the XYZ color 59.6626, 62.5743, 101.0290.



This preview shows how white text looks on a background with the XYZ color 59.6626, 62.5743,

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

59.6626, 62.5743, 101.0290

Protanopia

61.9562, 62.3725, 98.3962

Deuteranopia

63.9874, 62.6411, 101.6469



Tritanopia

56.2086, 62.6488, 83.9928

Trichromacy



Original Color

59.6626, 62.5743, 101.0290

Protanomaly

61.0649, 62.2512, 99.2397

Deuteranomaly

62.3259, 62.4903, 101.7054

Tritanomaly

57.5665, 62.8437, 89.9849

Monochromacy



Original Color

59.6626, 62.5743, 101.0290

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.6581, 61.8237, 78.6536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6626, 62.5743, 101.0290 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, 209, 252)` looks like.

```
.text, #text, p{  
    color:rgb(182, 209, 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, 209, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 209, 252) }
```

Border

The CSS property to change the border of an element to XYZ 59.6626, 62.5743, 101.0290 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, 209, 252) }
```


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

```
.border{ border-color:rgb(182, 209, 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, 209, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 209, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 209, 252);  
box-shadow:4px 4px 4px 4px rgb(182, 209,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6626, 62.5743, 101.0290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 209, 252) }
```

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

```
.background{ background-color: rgb(182,  
209, 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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