

Converting Colors

XYZ(59.6538, 61.4378,
103.3223)

Have a look what the booklet for
XYZ(59.6538, 61.4378, 103.3223)
contains.

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Color

**XYZ(59.6497, 61.4299,
103.3210)**

Conversions

Conversions Part 1

Format	Color
Hex	B7CEFF
RGB	183, 206, 255
RGB Percent	72%, 81%, 100%
CMY	0.2823, 0.1921, 0.0000
CMYK	0.28, 0.19, 0.00, 0.00
HSL	221°, 100%, 86%
HSV	221°, 28%, 100%
XYZ	59.6497, 61.4299, 103.3210
YIQ	204.7090, -29.4370, 10.3630

Conversions

Conversions Part 2

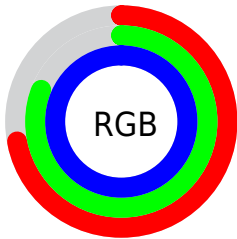
Format	Color
R _Y B	183, 200, 255
Decimal	12046079
CIE Lab	82.61, 3.04, -26.52
CIE LCh	83, 26.693, 276.543
Yxy	61.4299, 0.2658, 0.2738
Android (android.graphics.Color)	4290236159 (0xFFB7CEFF)
YUV	204.7090, 24.7935, -19.0388
Hunter-Lab	78.3772, -1.3111, -23.2951

Details

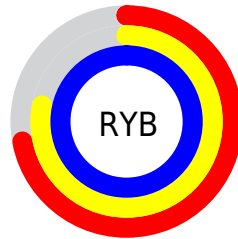
The XYZ color **59.6497, 61.4299, 103.3210** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.6439, 82.3917, 56.5596**, and the grayscale version is **57.7060, 60.7112, 66.1145**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **30.3234, 31.1229, 57.8352** is the 20% darker color. If you saturate the color by 10%, you get **50.1755, 50.6839, 101.7462**, and if you desaturate by 10%, it is **70.6874, 73.6696, 105.1018**.

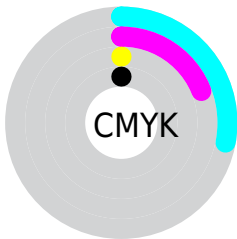
Distribution



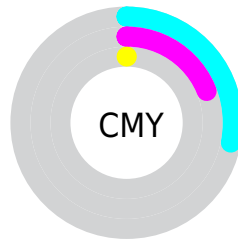
- Red (72%)
- Green (81%)
- Blue (100%)



- Red (72%)
- Yellow (78%)
- Blue (100%)



- Cyan (28%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6497, 61.4299, 103.3210 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 59.6497, 61.4299, 103.3210 by changing the saturation by 10% instead.

■ 59.6497, 61.4299,
103.3210

■ 59.6497, 61.4299,
103.3210

413.1608,
429.8485, 592.1258

■ 43.3847, 44.5722,
78.4446

■ 103.4306,
106.9012, 167.8051

■ 30.3829, 31.1206,
57.9207

131.6772,
136.2835, 208.2499

■ 20.2789, 20.6907,
41.3306

164.6484,
170.6095, 254.7213

■ 12.7074, 12.8981,
28.2559

202.7096,
210.2636, 307.6378

■ 7.3030, 7.3584,
18.2779

246.2261,
255.6301, 367.4180

■ 3.7003, 3.6872,
10.9782

295.5632,

■ 1.5340, 1.5002,

307.0936, 434.4804

5.9382

351.0863,
365.0382, 509.2434

■ 0.3488, 0.2889,
2.7393

■ 0.0000, 0.0000,
0.9631

■ 59.6497, 61.4299,
103.3210

■ 59.6497, 61.4299,
103.3210

■ 50.1755, 50.6839,
101.7462

■ 70.6874, 73.6696,
105.1018

■ 42.1853, 41.3640,
100.3684

■ 83.3525, 87.4526,
107.0946

■ 35.6002, 33.4077,
99.1797

95.0500, 100.0000,
108.9000

■ 30.3311, 26.7445,
98.1713

■ 26.2783, 21.2966,
97.3334

■ 23.3254, 16.9759,
96.6550

■ 21.3180, 13.6723,
96.1232

■ 21.0271, 13.1743,
96.0424

Harmonies

Analogous

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



54.1171, 61.4299, 100.1491



59.6497, 61.4299, 103.3210



65.1850, 61.4299, 95.5240

Triad

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



59.6497, 61.4299, 103.3210



67.6784, 61.4299, 49.8275



48.8663, 61.4299, 55.1136

Complementary

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



59.6497, 61.4299, 103.3210



78.6439, 82.3917, 56.5596

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.



52.0794, 61.4299, 44.6346



59.6497, 61.4299, 103.3210



62.8764, 61.4299, 41.9490

Square

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



59.6497, 61.4299, 103.3210



70.0119, 61.4299, 63.3608



57.1428, 61.4299, 40.2162



48.1264, 61.4299, 70.5411

Rectangle

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



59.6497, 61.4299, 103.3210



68.0540, 61.4299, 85.8019



57.1428, 61.4299, 40.2162



49.6823, 61.4299, 50.9783

Sweetspot

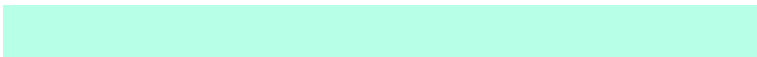
The Sweet Spot groups the original color and five complimentary colors.



59.6515, 61.4323, 103.3214



83.6690, 87.7942, 107.1439



69.7131, 87.3572, 88.7894



17.4767, 18.3249, 22.8659



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.



59.6515, 61.4323, 103.3214



54.0019, 55.0569, 102.3886



57.4905, 52.6907, 101.7480



17.4767, 18.3249, 22.8659



11.1056, 7.1207, 50.2237



1.1750, 0.8807, 4.9213

Inverse Universe

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



69.3152, 59.5847, 66.2428



65.2617, 53.3616, 59.0837



81.2699, 93.9938, 58.6607



18.2485, 18.0827, 19.9257



22.3938, 11.4468, 5.4581



2.2277, 1.1334, 0.7804

Previews

White Background



This preview shows how the XYZ color 59.6497, 61.4299, 103.3210 looks on a white background.

Color Contrast Check

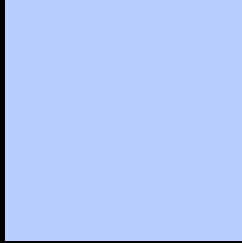
Large Text (above 18pt) WCAG AA × Fail

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 59.6497, 61.4299, 103.3210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

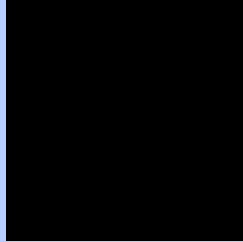
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

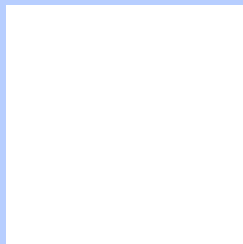
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.6497, 61.4299, 103.3210

Background



This preview shows how black text looks on a background with the XYZ color 59.6497, 61.4299, 103.3210.



This preview shows how white text looks on a background with the XYZ color 59.6497, 61.4299,

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

59.6497, 61.4299, 103.3210

Protanopia

61.3337, 61.2731, 101.5228

Deuteranopia

62.4898, 61.1354, 103.1145



Tritanopia

55.4293, 61.5371, 82.3552

Trichromacy



Original Color

59.6497, 61.4299, 103.3210

Protanomaly

60.7175, 61.2886, 102.3957

Deuteranomaly

61.3983, 61.2693, 103.1979

Tritanomaly

56.8235, 61.3577, 89.7372

Monochromacy



Original Color

59.6497, 61.4299, 103.3210

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.1766, 60.8607, 78.4931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6497, 61.4299, 103.3210 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, 206, 255)` looks like.

```
.text, #text, p{  
    color:rgb(183, 206, 255)  
}
```

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, 206, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 206, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.6497, 61.4299, 103.3210 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, 206, 255) }
```


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

```
.border{ border-color:rgb(183, 206, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 206, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 206, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 206, 255);  
box-shadow:4px 4px 4px 4px rgb(183, 206,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6497, 61.4299, 103.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 206, 255) }
```

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

```
.background{ background-color: rgb(183,  
206, 255) }
```

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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