

Converting Colors

XYZ(60.2010, 61.7529,
112.4532)

Have a look what the booklet for
XYZ(60.2010, 61.7529, 112.4532)
contains.

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Color

**XYZ(58.4943, 61.1928,
103.3361)**

Conversions

Conversions Part 1

Format	Color
Hex	B1CFFF
RGB	177, 207, 255
RGB Percent	69%, 81%, 100%
CMY	0.3059, 0.1882, 0.0000
CMYK	0.31, 0.19, 0.00, 0.00
HSL	217°, 100%, 85%
HSV	217°, 31%, 100%
XYZ	58.4943, 61.1928, 103.3361
YIQ	203.5020, -33.2880, 8.5680

Conversions

Conversions Part 2

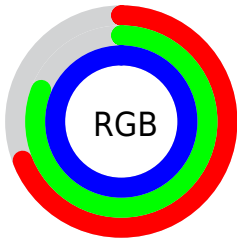
Format	Color
RYB	177, 199, 255
Decimal	11653119
CIELab	82.48, 0.81, -26.75
CIELCh	82, 26.760, 271.728
Yxy	61.1928, 0.2623, 0.2744
Android (android.graphics.Color)	4289843199 (0xFFB1CFFF)
YUV	203.5020, 25.3885, -23.2423
Hunter-Lab	78.2258, -3.4197, -23.5638

Details

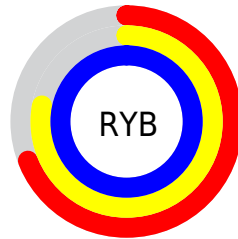
The XYZ color **58.4943, 61.1928, 103.3361** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **76.1012, 78.2846, 52.6963**, and the grayscale version is **56.9421, 59.9075, 65.2393**.

A 20% lighter version of the original color is **87.7417, 96.2324, 108.5580**, and **29.6103, 30.9973, 57.8485** is the 20% darker color. If you saturate the color by 10%, you get **49.6052, 51.2456, 101.8847**, and if you desaturate by 10%, it is **68.8501, 72.4598, 104.9651**.

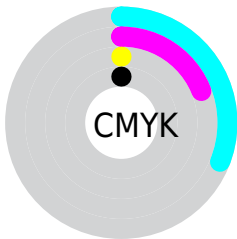
Distribution



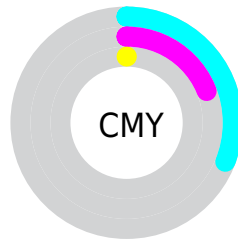
- Red (69%)
- Green (81%)
- Blue (100%)



- Red (69%)
- Yellow (78%)
- Blue (100%)



- Cyan (31%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4943, 61.1928, 103.3361 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 58.4943, 61.1928, 103.3361 by changing the saturation by 10% instead.

■ 58.4943, 61.1928,
103.3361

■ 58.4943, 61.1928,
103.3361

408.9495,
428.9806, 592.1742

■ 42.4510, 44.3808,
78.4572

■ 101.7612,
106.5580, 167.8260

■ 29.6472, 30.9700,
57.9310

129.7154,
135.8801, 208.2740

■ 19.7177, 20.5760,
41.3388

162.3706,
170.1409, 254.7489

■ 12.2971, 12.8144,
28.2622

200.0923,
209.7249, 307.6691

■ 7.0200, 7.3009,
18.2827

243.2456,
255.0164, 367.4532

■ 3.5210, 3.6510,
10.9816

292.1960,

■ 1.4349, 1.4803,

306.4000, 434.5197

5.9404

347.3089,
364.2599, 509.2872

■ 0.2809, 0.2748,
2.7407

■ 0.0000, 0.0000,
0.9638

■ 58.4943, 61.1928,
103.3361

■ 58.4943, 61.1928,
103.3361

■ 49.6052, 51.2456,
101.8847

■ 68.8501, 72.4598,
104.9651

■ 42.1058, 42.5580,
100.6030

■ 80.7335, 85.0895,
106.7765

■ 35.9199, 35.0751,
99.4847

■ 94.2085, 99.1311,
108.7766

■ 30.9612, 28.7345,
98.5222

■ 95.0500, 100.0000,
108.9000

■ 27.1316, 23.4666,
97.7073

■ 24.3156, 19.1919,
97.0306

■ 22.4255, 15.9709,
96.5085

Harmonies

Analogous

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



53.1060, 61.1928, 98.4011



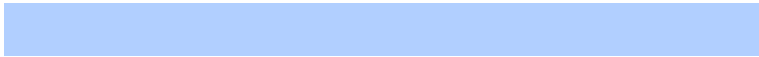
58.4943, 61.1928, 103.3361



64.1403, 61.1928, 97.1741

Triad

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



58.4943, 61.1928, 103.3361



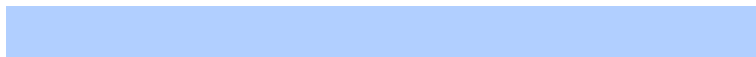
68.0280, 61.1928, 51.3973



49.0025, 61.1928, 52.7939

Complementary

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



58.4943, 61.1928, 103.3361



76.1012, 78.2846, 52.6963

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.



52.5671, 61.1928, 43.2660



58.4943, 61.1928, 103.3361



63.5289, 61.1928, 42.5575

Square

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



58.4943, 61.1928, 103.3361



69.8636, 61.1928, 65.6830



57.8308, 61.1928, 39.8410



47.8457, 61.1928, 67.5832

Rectangle

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



58.4943, 61.1928, 103.3361



67.2318, 61.1928, 88.1068



57.8308, 61.1928, 39.8410



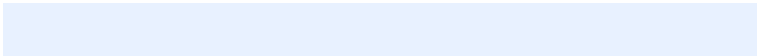
49.9468, 61.1928, 48.9595

Sweetspot

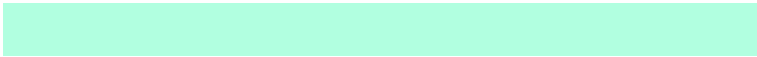
The Sweet Spot groups the original color and five complimentary colors.



58.4961, 61.1951, 103.3365



82.7640, 87.2222, 107.0812



67.3199, 86.2386, 83.4775



17.3161, 18.2503, 22.8600



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.



58.4961, 61.1951, 103.3365



52.6303, 54.6663, 102.3855



53.7330, 48.9555, 101.2251



17.5758, 18.5232, 22.8989



11.8512, 8.6119, 50.4722



1.2558, 1.0423, 4.9483

Inverse Universe

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



68.2258, 57.2109, 66.4810



63.9950, 50.6561, 59.1924



82.1246, 94.5051, 55.5097



18.2985, 18.1027, 20.1892



22.7701, 11.5973, 7.4399



2.2685, 1.1498, 0.9952

Previews

White Background



This preview shows how the XYZ color 58.4943, 61.1928, 103.3361 looks on a white background.

Color Contrast Check

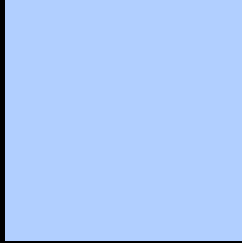
Large Text (above 18pt) WCAG AA × Fail

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 58.4943, 61.1928, 103.3361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

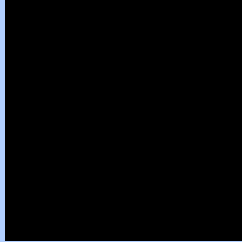
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

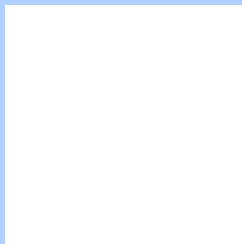
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.4943, 61.1928, 103.3361

Background



This preview shows how black text looks on a background with the XYZ color 58.4943, 61.1928, 103.3361.



This preview shows how white text looks on a background with the XYZ color 58.4943, 61.1928,

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

58.4943, 61.1928, 103.3361

Protanopia

60.9189, 61.0776, 100.6738

Deuteranopia

62.2253, 60.9991, 103.1021



Tritanopia

54.4809, 61.4020, 83.1091

Trichromacy



Original Color

58.4943, 61.1928, 103.3361

Protanomaly

59.8160, 60.8424, 101.5196

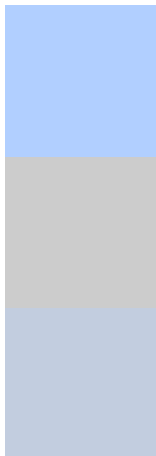
Deuteranomaly

60.6411, 60.8790, 103.1624

Tritanomaly

55.7128, 61.1505, 89.7558

Monochromacy



Original Color

58.4943, 61.1928, 103.3361

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.3987, 60.4597, 78.4567

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4943, 61.1928, 103.3361 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(177, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(177, 207, 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(177, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 207, 255) }
```

Border

The CSS property to change the border of an element to XYZ 58.4943, 61.1928, 103.3361 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(177, 207, 255) }
```


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

```
.border{ border-color:rgb(177, 207, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 207, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(177, 207,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4943, 61.1928, 103.3361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 207, 255) }
```

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

```
.background{ background-color: rgb(177,  
207, 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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