

Converting Colors

XYZ(57.5322, 61.0430,
103.3579)

Have a look what the booklet for
XYZ(57.5322, 61.0430, 103.3579)
contains.

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Color

**XYZ(57.6191, 61.1024,
103.3648)**

Conversions

Conversions Part 1

Format	Color
Hex	ACD0FF
RGB	172, 208, 255
RGB Percent	67%, 82%, 100%
CMY	0.3255, 0.1843, 0.0000
CMYK	0.33, 0.18, 0.00, 0.00
HSL	214°, 100%, 84%
HSV	214°, 33%, 100%
XYZ	57.6191, 61.1024, 103.3648
YIQ	202.5940, -36.5430, 6.9850

Conversions

Conversions Part 2

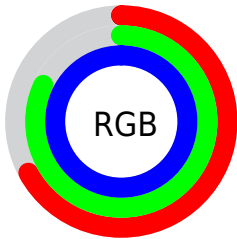
Format	Color
R _Y B	172, 197, 255
Decimal	11325695
CIE Lab	82.43, -1.12, -26.85
CIE LCh	82, 26.872, 267.621
Yxy	61.1024, 0.2594, 0.2751
Android (android.graphics.Color)	4289515775 (0xFFACD0FF)
YUV	202.5940, 25.8362, -26.8309
Hunter-Lab	78.1680, -5.2184, -23.6840

Details

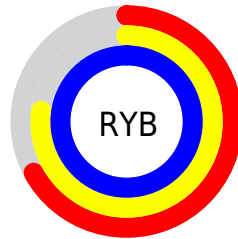
The XYZ color **57.6191, 61.1024, 103.3648** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **74.0182, 74.9016, 49.5878**, and the grayscale version is **56.3715, 59.3072, 64.5855**.

A 20% lighter version of the original color is **86.1231, 95.3980, 108.4822**, and **29.0848, 30.9703, 57.8710** is the 20% darker color. If you saturate the color by 10%, you get **49.1888, 51.7673, 102.0073**, and if you desaturate by 10%, it is **67.4472, 71.6366, 104.8802**.

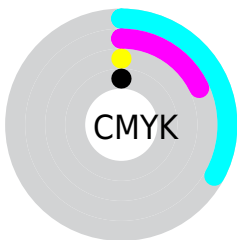
Distribution



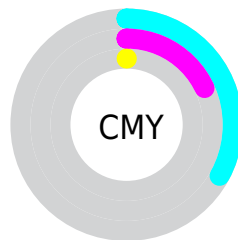
- Red (67%)
- Green (82%)
- Blue (100%)



- Red (67%)
- Yellow (77%)
- Blue (100%)



- Cyan (33%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6191, 61.1024, 103.3648 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 57.6191, 61.1024, 103.3648 by changing the saturation by 10% instead.

■ 57.6191, 61.1024,
103.3648

■ 57.6191, 61.1024,
103.3648

405.7419,
428.6494, 592.2661

■ 41.7446, 44.3078,
78.4811

■ 100.4941,
106.4272, 167.8656

■ 29.0916, 30.9126,
57.9505

128.2253,
135.7262, 208.3198

■ 19.2947, 20.5323,
41.3544

160.6395,
169.9621, 254.8013

■ 11.9887, 12.7826,
28.2743

198.1020,
209.5193, 307.7285

■ 6.8081, 7.2790,
18.2917

240.9781,
254.7823, 367.5200

■ 3.3877, 3.6372,
10.9880

289.6332,

■ 1.3619, 1.4727,

306.1353, 434.5945

5.9447

344.4327,
363.9629, 509.3703

■ 0.2289, 0.2694,
2.7432

■ 0.0000, 0.0000,
0.9651

■ 57.6191, 61.1024,
103.3648

■ 57.6191, 61.1024,
103.3648

■ 49.1888, 51.7673,
102.0073

■ 67.4472, 71.6366,
104.8802

■ 42.0809, 43.5758,
100.8008

■ 78.7326, 83.4088,
106.5576

■ 36.2204, 36.4772,
99.7395

■ 91.5379, 96.4640,
108.4026

■ 31.5219, 30.4139,
98.8168

95.0500, 100.0000,
108.9000

■ 27.8876, 25.3210,
98.0253

■ 25.2009, 21.1230,
97.3567

■ 23.6918, 18.5036,
96.9306

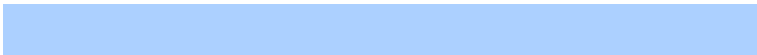
Harmonies

Analogous

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



52.3648, 61.1024, 96.9477



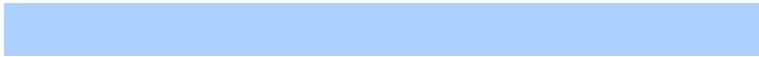
57.6191, 61.1024, 103.3648



63.3437, 61.1024, 98.6438

Triad

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



57.6191, 61.1024, 103.3648



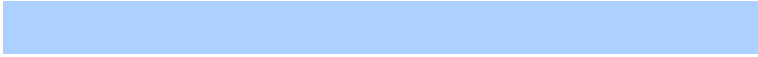
68.4122, 61.1024, 52.9277



49.2464, 61.1024, 51.0005

Complementary

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



57.6191, 61.1024, 103.3648



74.0182, 74.9016, 49.5878

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.



53.1088, 61.1024, 42.2734



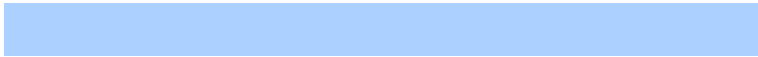
57.6191, 61.1024, 103.3648



64.1881, 61.1024, 43.2505

Square

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



57.6191, 61.1024, 103.3648



69.8138, 61.1024, 67.8507



58.5353, 61.1024, 39.6863



47.7336, 61.1024, 65.2268

Rectangle

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



57.6191, 61.1024, 103.3648



66.6148, 61.1024, 90.1860



58.5353, 61.1024, 39.6863



50.3000, 61.1024, 47.4211

Sweetspot

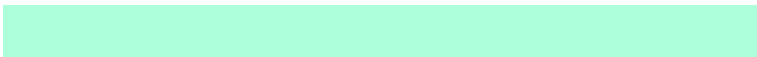
The Sweet Spot groups the original color and five complimentary colors.



57.6209, 61.1047, 103.3652



81.8483, 86.6113, 107.0115



65.3834, 85.3348, 79.1161



17.1484, 18.1580, 22.8510



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.



57.6209, 61.1047, 103.3652



52.0249, 54.9462, 102.4714



50.7424, 45.9744, 100.8073



17.6511, 18.6738, 22.9240



12.5214, 9.9524, 50.6956



1.3254, 1.1814, 4.9715

Inverse Universe

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



67.3788, 55.3207, 66.8037



63.3256, 48.9952, 59.9620



82.9364, 94.9801, 52.9933



18.3365, 18.1179, 20.3893



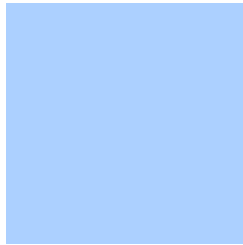
23.1084, 11.7327, 9.2214



2.3036, 1.1638, 1.1801

Previews

White Background



This preview shows how the XYZ color 57.6191, 61.1024, 103.3648 looks on a white background.

Color Contrast Check

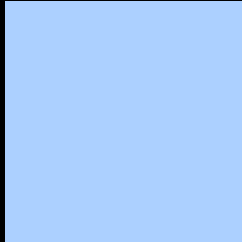
Large Text (above 18pt) WCAG AA × Fail

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 57.6191, 61.1024, 103.3648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

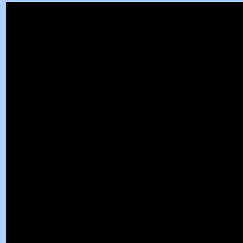
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

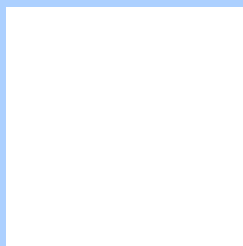
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.6191, 61.1024, 103.3648

Background



This preview shows how black text looks on a background with the XYZ color 57.6191, 61.1024, 103.3648.



This preview shows how white text looks on a background with the XYZ color 57.6191, 61.1024,

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

57.6191, 61.1024, 103.3648

Protanopia

60.7608, 61.0144, 99.8413

Deuteranopia

62.2253, 60.9991, 103.1021



Tritanopia

53.4122, 60.8511, 83.0591

Trichromacy



Original Color

57.6191, 61.1024, 103.3648

Protanomaly

59.4096, 61.0052, 100.7394

Deuteranomaly

60.6291, 61.2245, 103.2298

Tritanomaly

54.8753, 61.0864, 89.7875

Monochromacy



Original Color

57.6191, 61.1024, 103.3648

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.7544, 60.1430, 77.7247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6191, 61.1024, 103.3648 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(172, 208, 255)` looks like.

```
.text, #text, p{  
    color:rgb(172, 208, 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(172, 208, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 208, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.6191, 61.1024, 103.3648 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(172, 208, 255) }
```


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

```
.border{ border-color:rgb(172, 208, 255) }
```

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

Here you see how a box with a 4 pixel rgb(172, 208, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 208, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 208, 255);  
box-shadow:4px 4px 4px 4px rgb(172, 208,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6191, 61.1024, 103.3648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 208, 255) }
```

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

```
.background{ background-color: rgb(172,  
208, 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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