

Converting Colors

XYZ(61.8553, 66.6636, 99.2027)

Have a look what the booklet for
XYZ(61.8553, 66.6636, 99.2027)
contains.

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Color

**XYZ(61.9193, 66.7795,
99.2488)**

Conversions

Conversions Part 1

Format	Color
Hex	B9D9F9
RGB	185, 217, 249
RGB Percent	73%, 85%, 98%
CMY	0.2745, 0.1490, 0.0235
CMYK	0.26, 0.13, 0.00, 0.02
HSL	210°, 84%, 85%
HSV	210°, 26%, 98%
XYZ	61.9193, 66.7795, 99.2488
YIQ	211.0800, -29.3440, 3.1680

Conversions

Conversions Part 2

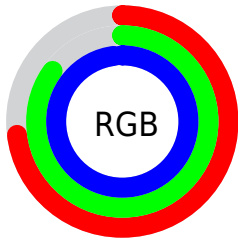
Format	Color
R_{YB}	185, 206, 249
Decimal	12179961
CIE _{Lab}	85.39, -3.59, -19.10
CIE _{LCh}	85, 19.438, 259.348
Yxy	66.7795, 0.2716, 0.2930
Android (android.graphics.Color)	4290370041 (0xFFB9D9F9)
YUV	211.0800, 18.6946, -22.8722
Hunter-Lab	81.7187, -7.7561, -14.8056

Details

The XYZ color **61.9193, 66.7795, 99.2488** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **72.6376, 73.2688, 56.2145**, and the grayscale version is **61.8656, 65.0875, 70.8802**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **31.9060, 34.5162, 55.4327** is the 20% darker color. If you saturate the color by 10%, you get **53.3419, 57.7738, 97.9637**, and if you desaturate by 10%, it is **71.7949, 76.8170, 100.6669**.

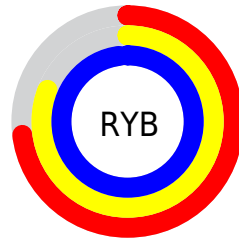
Distribution



Red (73%)

Green (85%)

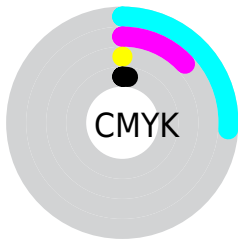
Blue (98%)



Red (73%)

Yellow (81%)

Blue (98%)

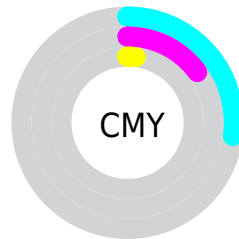


Cyan (26%)

Magenta (13%)

Yellow (0%)

Black (2%)



Cyan (27%)

Magenta (15%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9193, 66.7795, 99.2488 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 61.9193, 66.7795, 99.2488 by changing the saturation by 10% instead.

■ 61.9193, 66.7795,
99.2488

■ 61.9193, 66.7795,
99.2488

421.3589,
449.1595, 579.0077

■ 45.2228, 48.9055,
75.0599

■ 106.6995,
114.6044, 162.1673

■ 31.8350, 34.5445,
55.1600

135.5139,
145.3240, 201.7341

■ 21.3905, 23.3122,
39.1304

169.0984,
181.0943, 247.2639

■ 13.5238, 14.8242,
26.5525

207.8183,
222.2997, 299.1753

■ 7.8697, 8.6961,
17.0080

252.0389,
269.3245, 357.8869

■ 4.0628, 4.5435,
10.0782

302.1257,

■ 1.7377, 1.9820,

322.5531, 423.8171

5.3445

358.4439,
382.3700, 497.3845

■ 0.4797, 0.5970,
2.3885

■ 0.0000, 0.0000,
0.7802

■ 61.9193, 66.7795,
99.2488

■ 61.9193, 66.7795,
99.2488

■ 53.3419, 57.7738,
97.9637

■ 71.7949, 76.8170,
100.6669

■ 45.9963, 49.7530,
96.8027

■ 83.0184, 87.9148,
102.2174

■ 39.8192, 42.6780,
95.7627

■ 93.8928, 99.2070,
103.8239

■ 34.7387, 36.5032,
94.8386

■ 94.0991, 99.6196,
103.8926

■ 30.6741, 31.1781,
94.0250

■ 27.5318, 26.6455,
93.3157

■ 25.1971, 22.8366,
92.7035

■ 24.3706, 21.3827,
92.4665

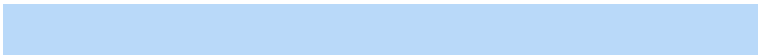
Harmonies

Analogous

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



58.1128, 66.7795, 92.7098



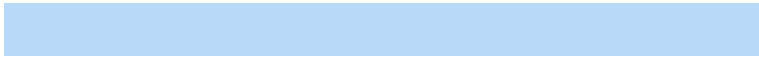
61.9193, 66.7795, 99.2488



66.3194, 66.7795, 98.0820

Triad

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



61.9193, 66.7795, 99.2488



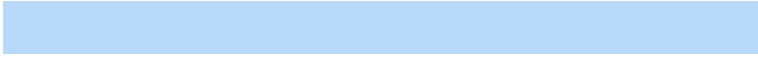
71.8029, 66.7795, 64.9679



57.2608, 66.7795, 58.0271

Complementary

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



61.9193, 66.7795, 99.2488



72.6376, 73.2688, 56.2145

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.



60.7071, 66.7795, 52.1431



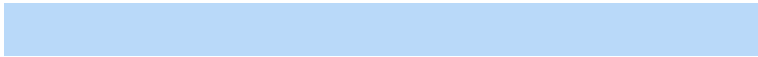
61.9193, 66.7795, 99.2488



69.1507, 66.7795, 55.8181

Square

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



61.9193, 66.7795, 99.2488



72.1644, 66.7795, 77.2876



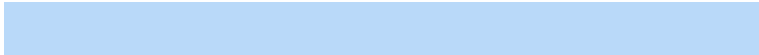
65.0503, 66.7795, 51.3841



55.5071, 66.7795, 68.3197

Rectangle

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



61.9193, 66.7795, 99.2488



68.9946, 66.7795, 93.1275



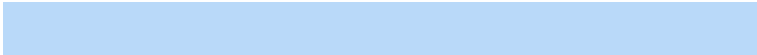
65.0503, 66.7795, 51.3841



58.2521, 66.7795, 55.5213

Sweetspot

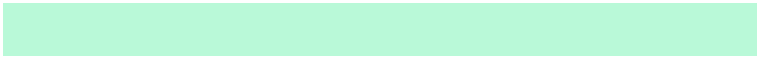
The Sweet Spot groups the original color and five complimentary colors.



61.9214, 66.7822, 99.2503



84.7711, 89.9984, 107.5113



66.2708, 83.0214, 77.4540



17.7535, 18.8785, 22.9582



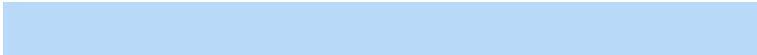
0.0000, 0.0000, 0.0000



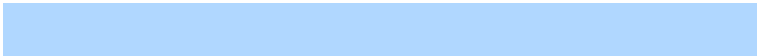
20.3446, 21.4041, 23.3091

Same Dimension

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



61.9214, 66.7822, 99.2503



60.3654, 65.2887, 104.0281



54.6810, 52.3015, 96.8369



17.0001, 18.0771, 21.9785



13.1872, 11.7299, 49.5426



1.3274, 1.2984, 4.6238

Inverse Universe

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



68.9420, 59.8492, 73.5669



69.0827, 57.2219, 72.0160



81.3721, 90.7376, 59.1260



17.6066, 17.3700, 19.7841



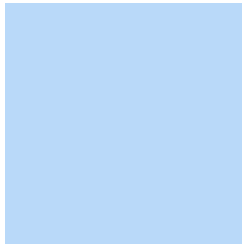
22.9483, 11.5950, 11.7021



2.1789, 1.0953, 1.3656

Previews

White Background



This preview shows how the XYZ color 61.9193, 66.7795, 99.2488 looks on a white background.

Color Contrast Check

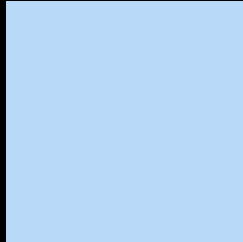
Large Text (above 18pt) WCAG AA × Fail

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 61.9193, 66.7795, 99.2488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

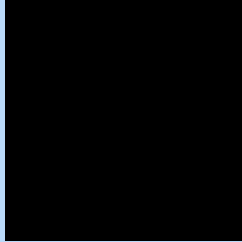
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

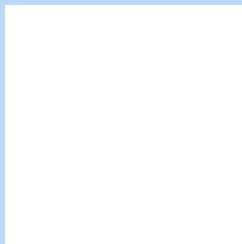
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.9193, 66.7795, 99.2488

Background



This preview shows how black text looks on a background with the XYZ color 61.9193, 66.7795, 99.2488.



This preview shows how white text looks on a background with the XYZ color 61.9193, 66.7795,

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

61.9193, 66.7795, 99.2488

Protanopia

65.5078, 66.4465, 95.7590

Deuteranopia

67.9928, 66.5239, 100.5236



Tritanopia

59.9090, 66.7225, 89.8420

Trichromacy



Original Color

61.9193, 66.7795, 99.2488

Protanomaly

63.9820, 66.3844, 96.6300

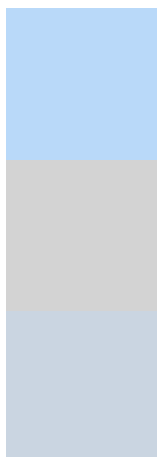
Deuteranomaly

65.4514, 66.3280, 99.7954

Tritanomaly

60.4770, 66.5610, 92.8792

Monochromacy



Original Color

61.9193, 66.7795, 99.2488

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.7420, 65.5813, 80.6385

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9193, 66.7795, 99.2488 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(185, 217, 249)` looks like.

```
.text, #text, p{  
    color:rgb(185, 217, 249)  
}
```

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(185, 217, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 217, 249) }
```

Border

The CSS property to change the border of an element to XYZ 61.9193, 66.7795, 99.2488 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(185, 217, 249) }
```


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

```
.border{ border-color:rgb(185, 217, 249) }
```

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

Here you see how a box with a 4 pixel rgb(185, 217, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 217, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 217, 249);  
box-shadow:4px 4px 4px 4px rgb(185, 217,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9193, 66.7795, 99.2488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 217, 249) }
```

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

```
.background{ background-color: rgb(185,  
217, 249) }
```

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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