

Converting Colors

XYZ(62.3491, 66.6886,
104.1938)

Have a look what the booklet for
XYZ(62.3491, 66.6886, 104.1938)
contains.

XYZ(62.1343, 66.3990, 104.1492)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(62.1343, 66.3990,
104.1492)**

Conversions

Conversions Part 1

Format	Color
Hex	B7D8FF
RGB	183, 216, 255
RGB Percent	72%, 85%, 100%
CMY	0.2823, 0.1529, 0.0000
CMYK	0.28, 0.15, 0.00, 0.00
HSL	212°, 100%, 86%
HSV	212°, 28%, 100%
XYZ	62.1343, 66.3990, 104.1492
YIQ	210.5790, -32.1870, 5.1330

Conversions

Conversions Part 2

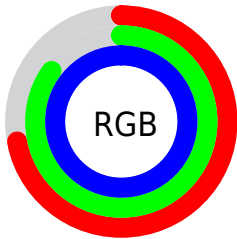
Format	Color
RYB	183, 206, 255
Decimal	12048639
CIELab	85.20, -2.26, -22.58
CIELCh	85, 22.689, 264.283
Yxy	66.3990, 0.2670, 0.2854
Android (android.graphics.Color)	4290238719 (0xFFB7D8FF)
YUV	210.5790, 21.8996, -24.1868
Hunter-Lab	81.4856, -6.4901, -18.7404

Details

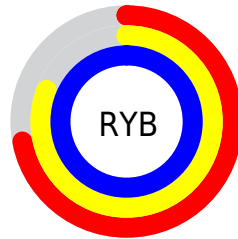
The XYZ color **62.1343, 66.3990, 104.1492** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **75.9087, 76.9212, 55.6480**, and the grayscale version is **61.5163, 64.7200, 70.4800**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **31.8400, 34.1561, 58.3407** is the 20% darker color. If you saturate the color by 10%, you get **53.2188, 56.7703, 102.7606**, and if you desaturate by 10%, it is **72.4498, 77.1941, 105.6892**.

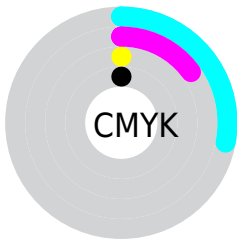
Distribution



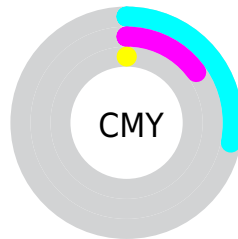
- Red (72%)
- Green (85%)
- Blue (100%)



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



- Cyan (28%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.1343, 66.3990, 104.1492 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 62.1343, 66.3990, 104.1492 by changing the saturation by 10% instead.

■ 62.1343, 66.3990,
104.1492

■ 62.1343, 66.3990,
104.1492

422.1306,
447.8025, 594.7750

■ 45.3972, 48.5964,
79.1341

■ 107.0085,
114.0588, 168.9490

■ 31.9730, 34.2994,
58.4841

135.8762,
144.6848, 209.5707

■ 21.4964, 23.1237,
41.7807

169.5183,
180.3540, 256.2317

■ 13.6018, 14.6849,
28.6053

208.3001,
221.4509, 309.3506

■ 7.9241, 8.5985,
18.5394

252.5868,
268.3597, 369.3458

■ 4.0978, 4.4803,
11.1645

302.7439,

■ 1.7576, 1.9457,

321.4650, 436.6359

6.0621

359.1367,
381.1512, 511.6394

■ 0.4919, 0.5756,
2.8134

■ 0.0000, 0.0000,
1.0002

■ 62.1343, 66.3990,
104.1492

■ 62.1343, 66.3990,
104.1492

■ 53.2188, 56.7703,
102.7606

■ 72.4498, 77.1941,
105.6892

■ 45.6309, 48.2552,
101.5169

■ 84.2215, 89.1904,
107.3843

■ 39.3001, 40.8076,
100.4131

95.0500, 100.0000,
108.9000

■ 34.1462, 34.3745,
99.4430

■ 30.0786, 28.8971,
98.6001

■ 26.9914, 24.3079,
97.8770

■ 24.7416, 20.5196,
97.2644

■ 24.3977, 19.9154,
97.1659

Harmonies

Analogous

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



57.5339, 66.3990, 97.6994



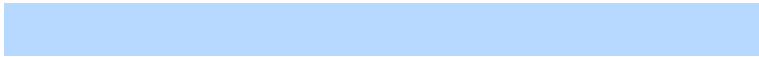
62.1343, 66.3990, 104.1492



67.2475, 66.3990, 101.1740

Triad

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



62.1343, 66.3990, 104.1492



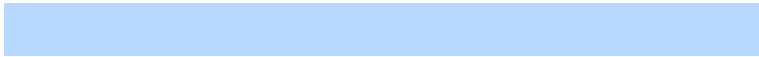
72.5195, 66.3990, 61.3076



55.4474, 66.3990, 57.0503

Complementary

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



62.1343, 66.3990, 104.1492



75.9087, 76.9212, 55.6480

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.



59.1463, 66.3990, 49.5152



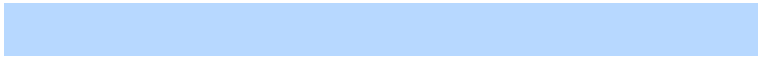
62.1343, 66.3990, 104.1492



69.0358, 66.3990, 51.7304

Square

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



62.1343, 66.3990, 104.1492



73.4253, 66.3990, 75.1434



64.0964, 66.3990, 47.7078



53.8095, 66.3990, 69.5239

Rectangle

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



62.1343, 66.3990, 104.1492



70.2390, 66.3990, 94.4268



64.0964, 66.3990, 47.7078



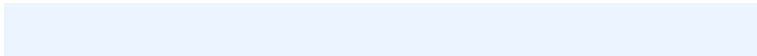
56.4810, 66.3990, 53.9271

Sweetspot

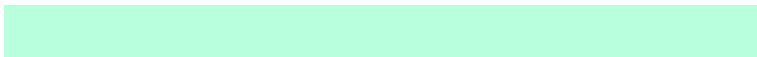
The Sweet Spot groups the original color and five complimentary colors.



62.1362, 66.4016, 104.1496



84.5149, 89.4858, 107.4258



68.3940, 86.8296, 81.8425



17.6890, 18.7496, 22.9367



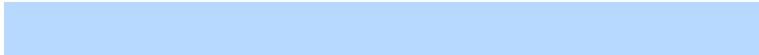
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



62.1362, 66.4016, 104.1496



56.8281, 60.7092, 103.3306



55.0892, 51.4529, 101.6356



17.6890, 18.7496, 22.9367



12.8936, 10.6968, 50.8197



1.3631, 1.2569, 4.9840

Inverse Universe

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



70.5694, 60.0864, 72.8470



66.6882, 53.9322, 66.5956



84.6702, 95.7467, 58.8199



18.3557, 18.1256, 20.4901



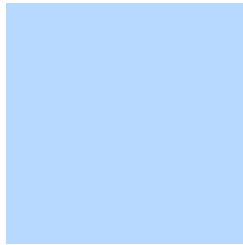
23.2963, 11.8078, 10.2107



2.3226, 1.1714, 1.2805

Previews

White Background



This preview shows how the XYZ color 62.1343, 66.3990, 104.1492 looks on a white background.

Color Contrast Check

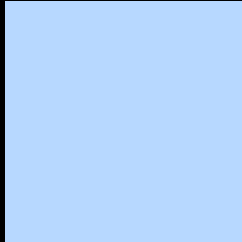
Large Text (above 18pt) WCAG AA × Fail

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 62.1343, 66.3990, 104.1492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

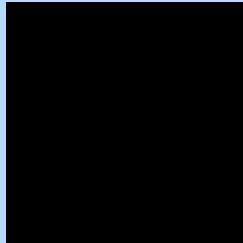
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

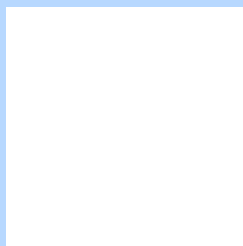
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.1343, 66.3990, 104.1492

Background



This preview shows how black text looks on a background with the XYZ color 62.1343, 66.3990, 104.1492.



This preview shows how white text looks on a background with the XYZ color 62.1343, 66.3990,

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

62.1343, 66.3990, 104.1492

Protanopia

65.6087, 66.3909, 100.6236

Deuteranopia

67.4698, 66.1806, 103.8258



Tritanopia

59.2080, 66.3612, 89.8092

Trichromacy



Original Color

62.1343, 66.3990, 104.1492

Protanomaly

64.1299, 66.3525, 101.5228

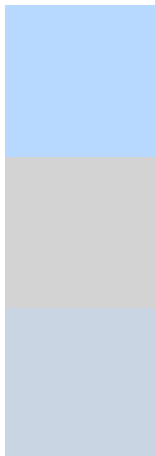
Deuteranomaly

65.4317, 66.2260, 103.9420

Tritanomaly

60.2229, 66.3778, 95.2261

Monochromacy



Original Color

62.1343, 66.3990, 104.1492

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.7468, 65.5521, 82.0715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1343, 66.3990, 104.1492 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, 216, 255)` looks like.

```
.text, #text, p{  
    color:rgb(183, 216, 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, 216, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 216, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.1343, 66.3990, 104.1492 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, 216, 255) }
```


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

```
.border{ border-color:rgb(183, 216, 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, 216, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 216, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 216, 255);  
box-shadow:4px 4px 4px 4px rgb(183, 216,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1343, 66.3990, 104.1492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 216, 255) }
```

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

```
.background{ background-color: rgb(183,  
216, 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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