

Converting Colors

XYZ(62.2629, 66.9689, 94.4400)

Have a look what the booklet for
XYZ(62.2629, 66.9689, 94.4400)
contains.

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Color

**XYZ(62.2257, 67.0439,
94.4551)**

Conversions

Conversions Part 1

Format	Color
Hex	BED9F3
RGB	190, 217, 243
RGB Percent	75%, 85%, 95%
CMY	0.2549, 0.1490, 0.0471
CMYK	0.22, 0.11, 0.00, 0.05
HSL	209°, 69%, 85%
HSV	209°, 22%, 95%
XYZ	62.2257, 67.0439, 94.4551
YIQ	211.8910, -24.4380, 2.3620

Conversions

Conversions Part 2

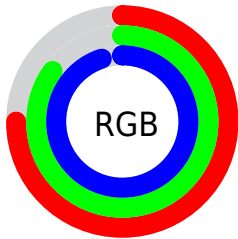
Format	Color
R _Y B	190, 208, 243
Decimal	12507635
CIE Lab	85.53, -3.46, -15.70
CIE LCh	86, 16.075, 257.588
Yxy	67.0439, 0.2781, 0.2997
Android (android.graphics.Color)	4290697715 (0xFFBED9F3)
YUV	211.8910, 15.3367, -19.1984
Hunter-Lab	81.8803, -7.6379, -11.0792

Details

The XYZ color **62.2257, 67.0439, 94.4551** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **70.8129, 71.8843, 58.8596**, and the grayscale version is **62.4215, 65.6723, 71.5171**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **32.0433, 34.6628, 52.0154** is the 20% darker color. If you saturate the color by 10%, you get **53.6931, 58.2492, 93.2084**, and if you desaturate by 10%, it is **71.9962, 76.8095, 95.8262**.

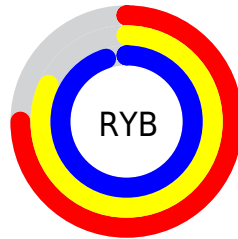
Distribution



Red (75%)

Green (85%)

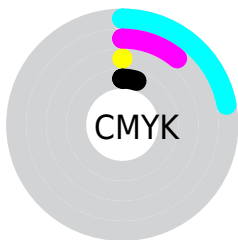
Blue (95%)



Red (75%)

Yellow (82%)

Blue (95%)

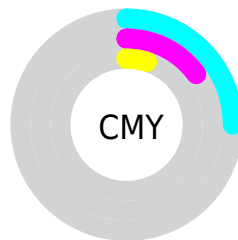


Cyan (22%)

Magenta (11%)

Yellow (0%)

Black (5%)



Cyan (25%)

Magenta (15%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.2257, 67.0439, 94.4551 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 62.2257, 67.0439, 94.4551 by changing the saturation by 10% instead.

■ 62.2257, 67.0439,
94.4551

■ 62.2257, 67.0439,
94.4551

422.4583,
450.1010, 563.3588

■ 45.4714, 49.1203,
71.0872

■ 107.1398,
114.9833, 155.5007

■ 32.0317, 34.7149,
51.9311

136.0302,
145.7679, 194.0154

■ 21.5414, 23.4434,
36.5683

169.6968,
181.6083, 238.4161

■ 13.6350, 14.9212,
24.5802

208.5048,
222.8889, 289.1214

■ 7.9473, 8.7641,
15.5484

252.8196,
269.9941, 346.5498

■ 4.1127, 4.5876,
9.0543

303.0065,

■ 1.7661, 2.0074,

323.3082, 411.1198

4.6793

359.4310,
383.2157, 483.2499

■ 0.4971, 0.6118,
2.0049

■ 0.0000, 0.0000,
0.5583

■ 62.2257, 67.0439,
94.4551

■ 62.2257, 67.0439,
94.4551

■ 53.6931, 58.2492,
93.2084

■ 71.9962, 76.8095,
95.8262

■ 46.3374, 50.3821,
92.0776

■ 83.0497, 87.5710,
97.3208

■ 40.1015, 43.4077,
91.0600

■ 92.4685, 97.8325,
98.8050

■ 34.9207, 37.2852,
90.1513

■ 93.1779, 99.2511,
99.0415

■ 30.7227, 31.9697,
89.3466

■ 27.4251, 27.4108,
88.6404

■ 24.9296, 23.5494,
88.0266

■ 23.3610, 20.8374,
87.5858

Harmonies

Analogous

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



59.1033, 67.0439, 88.8775



62.2257, 67.0439, 94.4551



65.8688, 67.0439, 93.8981

Triad

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



62.2257, 67.0439, 94.4551



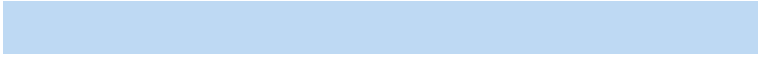
70.6545, 67.0439, 67.0894



58.6779, 67.0439, 60.2578

Complementary

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



62.2257, 67.0439, 94.4551



70.8129, 71.8843, 58.8596

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.



61.6248, 67.0439, 55.4573



62.2257, 67.0439, 94.4551



68.5778, 67.0439, 59.1349

Square

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



62.2257, 67.0439, 94.4551



70.8304, 67.0439, 77.4081



65.2446, 67.0439, 55.0669



57.1081, 67.0439, 68.7614

Rectangle

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



62.2257, 67.0439, 94.4551



68.1034, 67.0439, 90.1240



65.2446, 67.0439, 55.0669



59.5350, 67.0439, 58.1943

Sweetspot

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



62.2277, 67.0466, 94.4566



86.0553, 91.3106, 107.6968



65.6323, 79.9877, 76.6876



18.2606, 19.3895, 23.0301



0.0000, 0.0000, 0.0000



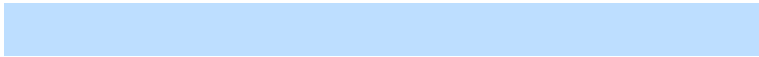
20.3446, 21.4041, 23.3091

Same Dimension

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



62.2277, 67.0466, 94.4566



65.2105, 70.4976, 104.7782



56.0197, 54.6306, 92.3873



16.2792, 17.3226, 21.0282



12.9567, 11.7071, 48.1148



1.2416, 1.2347, 4.2631

Inverse Universe

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



67.9016, 60.8930, 73.8234



72.6222, 62.8259, 77.7429



78.0444, 86.3473, 61.2701



16.8515, 16.6234, 18.9645



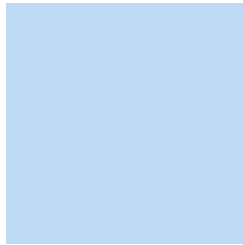
22.3444, 11.2812, 11.7881



2.0158, 1.0123, 1.3095

Previews

White Background



This preview shows how the XYZ color 62.2257, 67.0439, 94.4551 looks on a white background.

Color Contrast Check

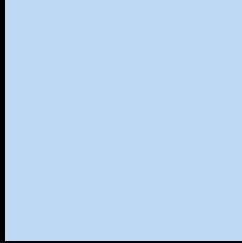
Large Text (above 18pt) WCAG AA × Fail

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 62.2257, 67.0439, 94.4551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

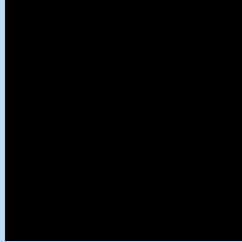
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

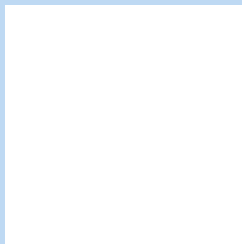
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.2257, 67.0439, 94.4551

Background



This preview shows how black text looks on a background with the XYZ color 62.2257, 67.0439, 94.4551.



This preview shows how white text looks on a background with the XYZ color 62.2257, 67.0439,

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

62.2257, 67.0439, 94.4551

Protanopia

65.5662, 66.9335, 91.9018

Deuteranopia

68.2507, 66.7644, 95.6758



Tritanopia

61.1980, 67.0178, 89.0671

Trichromacy



Original Color

62.2257, 67.0439, 94.4551

Protanomaly

64.2809, 67.0006, 92.7635

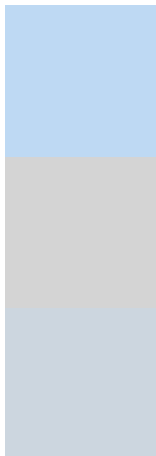
Deuteranomaly

65.6358, 66.5301, 94.9702

Tritanomaly

61.6377, 67.1936, 91.3824

Monochromacy



Original Color

62.2257, 67.0439, 94.4551

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.2677, 66.2582, 79.3193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2257, 67.0439, 94.4551 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(190, 217, 243)` looks like.

```
.text, #text, p{  
    color:rgb(190, 217, 243)  
}
```

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(190, 217, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 217, 243) }
```

Border

The CSS property to change the border of an element to XYZ 62.2257, 67.0439, 94.4551 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(190, 217, 243) }
```


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

```
.border{ border-color:rgb(190, 217, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 217, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 217, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 217, 243);  
box-shadow:4px 4px 4px 4px rgb(190, 217,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2257, 67.0439, 94.4551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 217, 243) }
```

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

```
.background{ background-color: rgb(190,  
217, 243) }
```

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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