

Converting Colors

XYZ(69.3845, 67.9790,
137.9643)

Have a look what the booklet for
XYZ(69.3845, 67.9790, 137.9643)
contains.

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Color

**XYZ(62.8287, 65.2541,
103.8916)**

Conversions

Conversions Part 1

Format	Color
Hex	BED4FF
RGB	190, 212, 255
RGB Percent	75%, 83%, 100%
CMY	0.2549, 0.1686, 0.0000
CMYK	0.25, 0.17, 0.00, 0.00
HSL	220°, 100%, 87%
HSV	220°, 25%, 100%
XYZ	62.8287, 65.2541, 103.8916
YIQ	210.3240, -26.9150, 8.7090

Conversions

Conversions Part 2

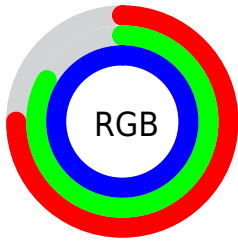
Format	Color
R_{YB}	190, 206, 255
Decimal	12506367
CIE _{Lab}	84.61, 1.87, -23.42
CIE _{LCh}	85, 23.497, 274.570
Yxy	65.2541, 0.2708, 0.2813
Android (android.graphics.Color)	4290696447 (0xFFBED4FF)
YUV	210.3240, 22.0253, -17.8241
Hunter-Lab	80.7800, -2.5321, -19.7072

Details

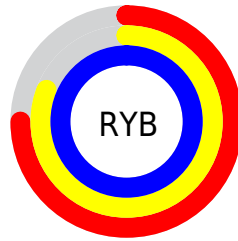
The XYZ color **62.8287, 65.2541, 103.8916** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.6733, 83.2551, 60.5877**, and the grayscale version is **61.3454, 64.5401, 70.2842**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **32.4116, 33.6818, 58.2191** is the 20% darker color. If you saturate the color by 10%, you get **53.0095, 54.2572, 102.2865**, and if you desaturate by 10%, it is **74.2064, 77.7115, 105.6965**.

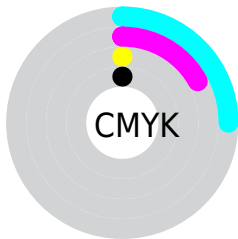
Distribution



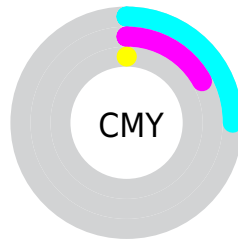
- Red (75%)
- Green (83%)
- Blue (100%)



- Red (75%)
- Yellow (81%)
- Blue (100%)



- Cyan (25%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.8287, 65.2541, 103.8916 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 62.8287, 65.2541, 103.8916 by changing the saturation by 10% instead.

■ 62.8287, 65.2541,
103.8916

■ 62.8287, 65.2541,
103.8916

424.6171,
443.7045, 593.9517

■ 45.9608, 47.6671,
78.9196

■ 108.0055,
112.4151, 168.5933

■ 32.4194, 33.5634,
58.3088

137.0452,
142.7579, 209.1600

■ 21.8391, 22.5584,
41.6406

170.8727,
178.1215, 255.7622

■ 13.8547, 14.2678,
28.4965

209.8536,
218.8903, 308.8181

■ 8.1007, 8.3071,
18.4580

254.3531,
265.4485, 368.7465

■ 4.2118, 4.2921,
11.1065

304.7366,

■ 1.8226, 1.8383,

318.1807, 435.9659

6.0234

361.3695,
377.4713, 510.8948

■ 0.5313, 0.5109,
2.7903

■ 0.0000, 0.0000,
0.9886

■ 62.8287, 65.2541,
103.8916

■ 62.8287, 65.2541,
103.8916

■ 53.0095, 54.2572,
102.2865

■ 74.2064, 77.7115,
105.6965

■ 44.6716, 44.6565,
100.8729

■ 87.2038, 91.6755,
107.7067

■ 37.7397, 36.3936,
99.6433

95.0500, 100.0000,
108.9000

■ 32.1286, 29.4025,
98.5896

■ 27.7435, 23.6108,
97.7028

■ 24.4750, 18.9373,
96.9730

■ 22.1908, 15.2867,
96.3888

■ 21.4031, 13.9261,
96.1677

Harmonies

Analogous

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



57.7930, 65.2541, 100.4447



62.8287, 65.2541, 103.8916



67.9199, 65.2541, 97.5751

Triad

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



62.8287, 65.2541, 103.8916



70.6992, 65.2541, 55.8953



53.3559, 65.2541, 59.3597

Complementary

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



62.8287, 65.2541, 103.8916



79.6733, 83.2551, 60.5877

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.



56.4760, 65.2541, 49.8295



62.8287, 65.2541, 103.8916



66.4526, 65.2541, 48.0358

Square

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



62.8287, 65.2541, 103.8916



72.6238, 65.2541, 68.7752



61.2224, 65.2541, 45.9815



52.5058, 65.2541, 73.3757

Rectangle

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



62.8287, 65.2541, 103.8916



70.6044, 65.2541, 89.1368



61.2224, 65.2541, 45.9815



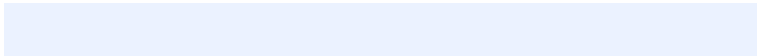
54.1650, 65.2541, 55.5930

Sweetspot

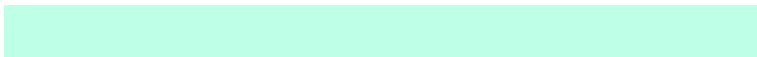
The Sweet Spot groups the original color and five complimentary colors.



62.8305, 65.2566, 103.8920



83.7841, 88.0243, 107.1822



71.5972, 88.3080, 89.8027



17.5055, 18.3826, 22.8755



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.



62.8305, 65.2566, 103.8920



57.2302, 59.0183, 102.9831



60.2176, 56.2937, 102.2997



17.5055, 18.3826, 22.8755



11.3067, 7.5230, 50.2907



1.1972, 0.9252, 4.9287

Inverse Universe

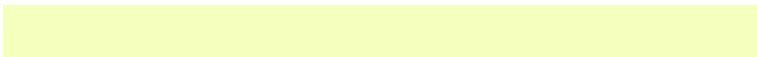
The Inverse Universe completely reimagines the original color for something new.



71.5384, 62.8420, 70.6494



67.5002, 56.5889, 63.6827



82.7983, 94.6954, 62.6312



18.2630, 18.0885, 20.0024



22.4953, 11.4874, 5.9928



2.2389, 1.1379, 0.8396

Previews

White Background



This preview shows how the XYZ color 62.8287, 65.2541, 103.8916 looks on a white background.

Color Contrast Check

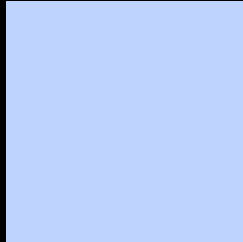
Large Text (above 18pt) WCAG AA × Fail

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 62.8287, 65.2541, 103.8916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

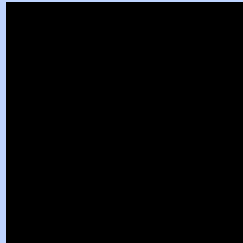
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.8287, 65.2541, 103.8916

Background



This preview shows how black text looks on a background with the XYZ color 62.8287, 65.2541, 103.8916.



This preview shows how white text looks on a background with the XYZ color 62.8287, 65.2541,

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

62.8287, 65.2541, 103.8916

Protanopia

64.8872, 65.2493, 102.1030

Deuteranopia

66.4158, 64.9179, 103.6377



Tritanopia

59.5135, 65.4340, 86.5841

Trichromacy



Original Color

62.8287, 65.2541, 103.8916

Protanomaly

64.2247, 65.2547, 102.9763

Deuteranomaly

64.9630, 64.8883, 103.7085

Tritanomaly

60.6711, 65.5165, 92.6673

Monochromacy



Original Color

62.8287, 65.2541, 103.8916

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.6503, 64.7760, 81.2052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8287, 65.2541, 103.8916 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, 212, 255)` looks like.

```
.text, #text, p{  
    color:rgb(190, 212, 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(190, 212, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 212, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.8287, 65.2541, 103.8916 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, 212, 255) }
```


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

```
.border{ border-color:rgb(190, 212, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 212, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 212, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 212, 255);  
box-shadow:4px 4px 4px 4px rgb(190, 212,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8287, 65.2541, 103.8916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 212, 255) }
```

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

```
.background{ background-color: rgb(190,  
212, 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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