

Converting Colors

XYZ(62.0401, 62.4693, 95.1571)

Have a look what the booklet for
XYZ(62.0401, 62.4693, 95.1571)
contains.

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Color

**XYZ(62.1322, 62.5346,
95.1819)**

Conversions

Conversions Part 1

Format	Color
Hex	C8CDF5
RGB	200, 205, 245
RGB Percent	78%, 80%, 96%
CMY	0.2157, 0.1961, 0.0392
CMYK	0.18, 0.16, 0.00, 0.04
HSL	233°, 69%, 87%
HSV	233°, 18%, 96%
XYZ	62.1322, 62.5346, 95.1819
YIQ	208.0650, -15.8200, 11.3800

Conversions

Conversions Part 2

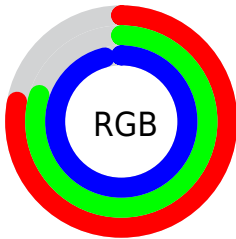
Format	Color
R _{YB}	200, 205, 245
Decimal	13159925
CIE Lab	83.20, 6.37, -20.20
CIE LCh	83, 21.183, 287.492
Yxy	62.5346, 0.2826, 0.2844
Android (android.graphics.Color)	4291350005 (0xFFC8CDF5)
YUV	208.0650, 18.2090, -7.0730
Hunter-Lab	79.0788, 1.8594, -16.0082

Details

The XYZ color **62.1322, 62.5346, 95.1819** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.2422, 85.9028, 67.0496**, and the grayscale version is **59.8910, 63.0100, 68.6179**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.1060, 31.9183, 52.6128** is the 20% darker color. If you saturate the color by 10%, you get **51.2543, 49.7259, 93.2839**, and if you desaturate by 10%, it is **74.7875, 77.3390, 97.3734**.

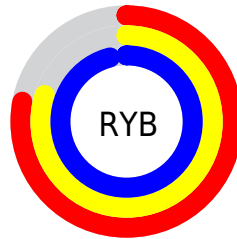
Distribution



Red (78%)

Green (80%)

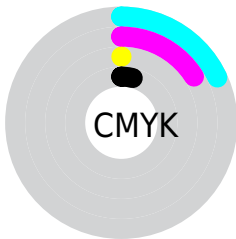
Blue (96%)



Red (78%)

Yellow (80%)

Blue (96%)

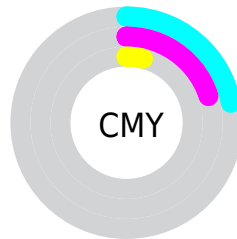


Cyan (18%)

Magenta (16%)

Yellow (0%)

Black (4%)



Cyan (22%)

Magenta (20%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.1322, 62.5346, 95.1819 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 62.1322, 62.5346, 95.1819 by changing the saturation by 10% instead.

■ 62.1322, 62.5346,
95.1819

■ 62.1322, 62.5346,
95.1819

422.1230,
433.8785, 565.7464

■ 45.3955, 45.4648,
71.6887

107.0054,
108.4978, 156.5136

■ 31.9717, 31.8237,
52.4191

135.8727,
138.1600, 195.1892

■ 21.4953, 21.2269,
36.9547

169.5142,
172.7885, 239.7626

■ 13.6011, 13.2899,
24.8769

208.2954,
212.7676, 290.6524

■ 7.9236, 7.6285,
15.7672

252.5815,
258.4817, 348.2771

■ 4.0975, 3.8582,
9.2070

302.7379,

■ 1.7574, 1.5945,

310.3154, 413.0553

4.7778

359.1299,
368.6528, 485.4056

■ 0.4918, 0.3539,
2.0610

■ 0.0000, 0.0000,
0.5924

■ 62.1322, 62.5346,
95.1819

■ 62.1322, 62.5346,
95.1819

■ 51.2543, 49.7259,
93.2839

■ 74.7875, 77.3390,
97.3734

■ 42.0684, 38.8198,
91.6630

■ 89.2888, 94.2114,
99.8658

■ 34.4906, 29.7276,
90.3074

■ 93.4816, 99.3727,
100.6411

■ 28.4277, 22.3503,
89.2030

■ 23.7767, 16.5792,
88.3342

■ 20.4217, 12.2932,
87.6837

■ 18.2278, 9.3536,
87.2320

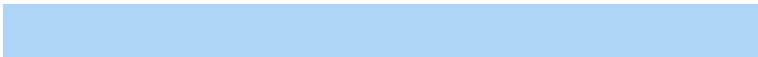
■ 17.0162, 7.5875,
86.9549

■ 16.8789, 7.3873,
86.9235

Harmonies

Analogous

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



57.5445, 62.5346, 95.8955



62.1322, 62.5346, 95.1819



66.1902, 62.5346, 86.6549

Triad

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



62.1322, 62.5346, 95.1819



65.6083, 62.5346, 51.0902



51.2234, 62.5346, 62.7559

Complementary

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



62.1322, 62.5346, 95.1819



79.2422, 85.9028, 67.0496

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.



53.1600, 62.5346, 52.3855



62.1322, 62.5346, 95.1819



61.3711, 62.5346, 46.2566

Square

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



62.1322, 62.5346, 95.1819



68.2670, 62.5346, 60.7648



56.8214, 62.5346, 46.6980



51.4037, 62.5346, 75.9805

Rectangle

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



62.1322, 62.5346, 95.1819



67.9774, 62.5346, 78.2411



56.8214, 62.5346, 46.6980



51.6441, 62.5346, 58.8564

Sweetspot

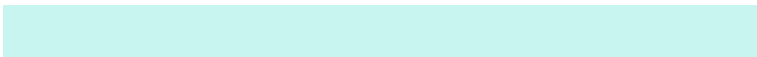
The Sweet Spot groups the original color and five complimentary colors.



62.1341, 62.5372, 95.1833



85.4575, 88.8409, 107.2517



72.1642, 83.8618, 94.6281



18.0775, 18.7663, 22.9194



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.



62.1341, 62.5372, 95.1833



63.4405, 63.0761, 103.4390



65.8268, 62.6928, 95.0187



15.7294, 16.2232, 20.8449



9.1414, 4.0766, 46.8431



0.8511, 0.4537, 4.1329

Inverse Universe

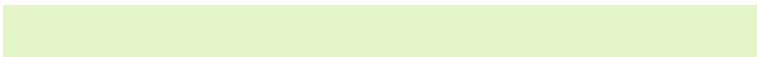
The Inverse Universe completely reimagines the original color for something new.



69.3315, 65.1305, 66.6777



72.6763, 66.4752, 66.8442



74.9947, 85.9293, 67.2785



16.5740, 16.5125, 17.5033



20.4187, 10.5109, 1.6472



1.8187, 0.9334, 0.2715

Previews

White Background



This preview shows how the XYZ color 62.1322, 62.5346, 95.1819 looks on a white background.

Color Contrast Check

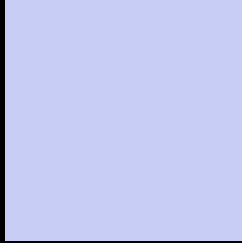
Large Text (above 18pt) WCAG AA × Fail

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 62.1322, 62.5346, 95.1819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

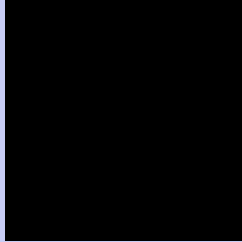
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.1322, 62.5346, 95.1819

Background



This preview shows how black text looks on a background with the XYZ color 62.1322, 62.5346, 95.1819.

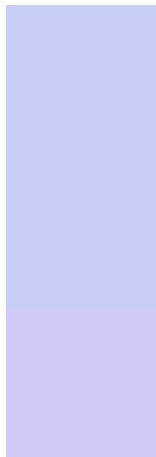


This preview shows how white text looks on a background with the XYZ color 62.1322, 62.5346,

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

62.1322, 62.5346, 95.1819

Protanopia

61.8659, 62.3973, 95.1694

Deuteranopia

63.7675, 62.3048, 95.8539



Tritanopia

58.9114, 62.2838, 80.1512

Trichromacy



Original Color

62.1322, 62.5346, 95.1819

Protanomaly

61.8659, 62.3973, 95.1694

Deuteranomaly

63.1673, 62.3448, 95.8933

Tritanomaly

59.9043, 62.3222, 85.2160

Monochromacy



Original Color

62.1322, 62.5346, 95.1819

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.5408, 62.8252, 77.3423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1322, 62.5346, 95.1819 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(200, 205, 245)` looks like.

```
.text, #text, p{  
    color:rgb(200, 205, 245)  
}
```

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(200, 205, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 205, 245) }
```

Border

The CSS property to change the border of an element to XYZ 62.1322, 62.5346, 95.1819 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(200, 205, 245) }
```


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

```
.border{ border-color:rgb(200, 205, 245) }
```

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

Here you see how a box with a 4 pixel rgb(200, 205, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 205, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 205, 245);  
box-shadow:4px 4px 4px 4px rgb(200, 205,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1322, 62.5346, 95.1819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 205, 245) }
```

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

```
.background{ background-color: rgb(200,  
205, 245) }
```

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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