

Converting Colors

XYZ(61.6922, 63.3023, 88.9417)

Have a look what the booklet for
XYZ(61.6922, 63.3023, 88.9417)
contains.

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Color

**XYZ(61.6863, 63.1576,
89.0602)**

Conversions

Conversions Part 1

Format	Color
Hex	C9CFED
RGB	201, 207, 237
RGB Percent	79%, 81%, 93%
CMY	0.2118, 0.1882, 0.0706
CMYK	0.15, 0.13, 0.00, 0.07
HSL	230°, 50%, 86%
HSV	230°, 15%, 93%
XYZ	61.6863, 63.1576, 89.0602
YIQ	208.6260, -13.2060, 8.0580

Conversions

Conversions Part 2

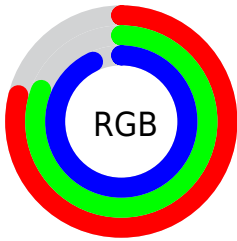
Format	Color
R _Y B	201, 206, 237
Decimal	13225965
CIE Lab	83.53, 3.91, -15.45
CIE LCh	84, 15.934, 284.209
Yxy	63.1576, 0.2884, 0.2953
Android (android.graphics.Color)	4291416045 (0xFFC9CFED)
YUV	208.6260, 13.9884, -6.6880
Hunter-Lab	79.4718, -0.5231, -10.8132

Details

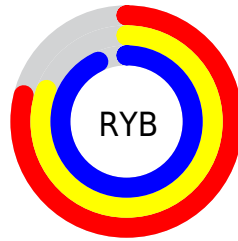
The XYZ color **61.6863, 63.1576, 89.0602** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.0440, 79.3732, 66.6778**, and the grayscale version is **60.2803, 63.4196, 69.0639**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.7643, 32.3217, 48.2806** is the 20% darker color. If you saturate the color by 10%, you get **51.3113, 51.1466, 87.2897**, and if you desaturate by 10%, it is **73.6465, 76.8775, 91.0790**.

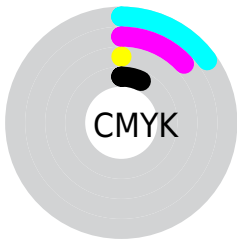
Distribution



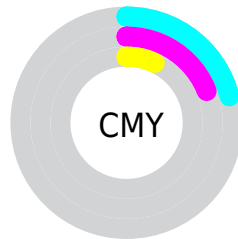
- Red (79%)
- Green (81%)
- Blue (93%)



- Red (79%)
- Yellow (81%)
- Blue (93%)



- Cyan (15%)
- Magenta (13%)
- Yellow (0%)
- Black (7%)



- Cyan (21%)
- Magenta (19%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6863, 63.1576, 89.0602 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 61.6863, 63.1576, 89.0602 by changing the saturation by 10% instead.

■ 61.6863, 63.1576,
89.0602

■ 61.6863, 63.1576,
89.0602

420.5217,
436.1412, 545.4600

■ 45.0339, 45.9687,
66.6321

106.3645,
109.3968, 147.9564

■ 31.6855, 32.2211,
48.3260

135.1211,
139.2160, 185.2615

■ 21.2758, 21.5305,
33.7233

168.6430,
174.0140, 228.3628

■ 13.4394, 13.5123,
22.4055

207.2958,
214.1753, 277.6788

■ 7.8109, 7.7823,
13.9540

251.4447,
260.0843, 333.6279

■ 4.0249, 3.9559,
7.9503

301.4550,

■ 1.7163, 1.6489,

312.1254, 396.6288

3.9758

357.6923,
370.6829, 467.1000

■ 0.4664, 0.3903,
1.6121

■ 0.0000, 0.0000,
0.2994

■ 61.6863, 63.1576,
89.0602

■ 61.6863, 63.1576,
89.0602

■ 51.3113, 51.1466,
87.2897

■ 73.6465, 76.8775,
91.0790

■ 42.4490, 40.7693,
85.7538

■ 87.2491, 92.3617,
93.3509

■ 35.0293, 31.9569,
84.4438

■ 92.2863, 98.8945,
94.3463

■ 28.9747, 24.6322,
83.3491

■ 24.2000, 18.7114,
82.4580

■ 20.6102, 14.1023,
81.7575

■ 18.0965, 10.7010,
81.2335

■ 16.5287, 8.3864,
80.8694

■ 16.0289, 7.5997,
80.7439

Harmonies

Analogous

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



58.2275, 63.1576, 88.8977



61.6863, 63.1576, 89.0602



64.8153, 63.1576, 83.4336

Triad

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



61.6863, 63.1576, 89.0602



64.9528, 63.1576, 56.2566



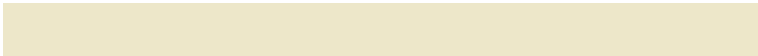
53.8202, 63.1576, 63.6855

Complementary

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



61.6863, 63.1576, 89.0602



74.0440, 79.3732, 66.6778

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.



55.4851, 63.1576, 55.9301



61.6863, 63.1576, 89.0602



61.8681, 63.1576, 51.9323

Square

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



61.6863, 63.1576, 89.0602



66.7500, 63.1576, 64.1720



58.4024, 63.1576, 51.8188



53.7758, 63.1576, 73.5781

Rectangle

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



61.6863, 63.1576, 89.0602



66.2557, 63.1576, 77.4439



58.4024, 63.1576, 51.8188



54.2059, 63.1576, 60.7653

Sweetspot

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



61.6882, 63.1602, 89.0616



87.2177, 91.0693, 107.5890



68.7120, 78.7227, 86.7324



18.4410, 19.2330, 22.9903



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.



61.6882, 63.1602, 89.0616



69.1221, 70.2884, 104.5316



63.4409, 61.9457, 88.7348



14.4341, 14.9547, 19.0480



8.8147, 4.2763, 44.1038



0.7522, 0.4560, 3.4832

Inverse Universe

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



67.0757, 64.2843, 67.9073



76.5573, 71.9069, 75.3218



72.0667, 80.8907, 67.0749



15.1679, 15.0950, 16.1696



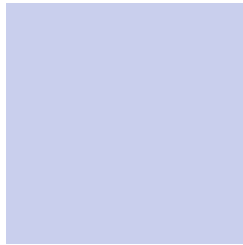
19.3045, 9.9245, 2.1390



1.5462, 0.7914, 0.3277

Previews

White Background



This preview shows how the XYZ color 61.6863, 63.1576, 89.0602 looks on a white background.

Color Contrast Check

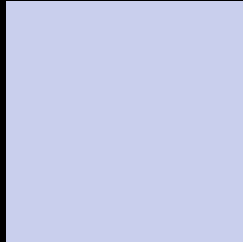
Large Text (above 18pt) WCAG AA × Fail

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 61.6863, 63.1576, 89.0602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

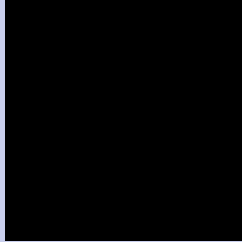
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.6863, 63.1576, 89.0602

Background



This preview shows how black text looks on a background with the XYZ color 61.6863, 63.1576, 89.0602.

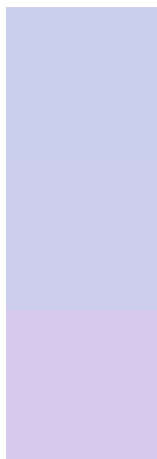


This preview shows how white text looks on a background with the XYZ color 61.6863, 63.1576,

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

61.6863, 63.1576, 89.0602

Protanopia

61.9860, 62.9535, 89.0050

Deuteranopia

64.5201, 63.1811, 89.6835



Tritanopia

60.0811, 63.2340, 80.9903

Trichromacy



Original Color

61.6863, 63.1576, 89.0602

Protanomaly

61.7145, 62.8136, 88.9923

Deuteranomaly

63.3200, 62.9141, 89.6952

Tritanomaly

60.6582, 63.1043, 83.8462

Monochromacy



Original Color

61.6863, 63.1576, 89.0602

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.7957, 63.3480, 76.0410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6863, 63.1576, 89.0602 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(201, 207, 237)` looks like.

```
.text, #text, p{  
    color:rgb(201, 207, 237)  
}
```

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(201, 207, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 207, 237) }
```

Border

The CSS property to change the border of an element to XYZ 61.6863, 63.1576, 89.0602 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(201, 207, 237) }
```


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

```
.border{ border-color:rgb(201, 207, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 207, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 207, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 207, 237);  
box-shadow:4px 4px 4px 4px rgb(201, 207,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6863, 63.1576, 89.0602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 207, 237) }
```

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

```
.background{ background-color: rgb(201,  
207, 237) }
```

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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