

Converting Colors

XYZ(61.2639, 62.6653, 85.2340)

Have a look what the booklet for
XYZ(61.2639, 62.6653, 85.2340)
contains.

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Color

**XYZ(61.2654, 62.6653,
85.2105)**

Conversions

Conversions Part 1

Format	Color
Hex	CBCEE8
RGB	203, 206, 232
RGB Percent	80%, 81%, 91%
CMY	0.2039, 0.1921, 0.0902
CMYK	0.12, 0.11, 0.00, 0.09
HSL	234°, 39%, 85%
HSV	234°, 12%, 91%
XYZ	61.2654, 62.6653, 85.2105
YIQ	208.0670, -10.1340, 7.4500

Conversions

Conversions Part 2

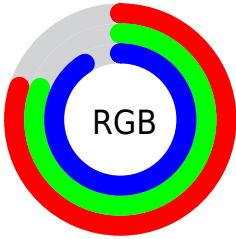
Format	Color
R _Y B	203, 206, 232
Decimal	13356776
CIE Lab	83.27, 4.04, -13.16
CIE LCh	83, 13.765, 287.075
Yxy	62.6653, 0.2929, 0.2996
Android (android.graphics.Color)	4291546856 (0xFFFCBCEE8)
YUV	208.0670, 11.7990, -4.4438
Hunter-Lab	79.1614, -0.3860, -8.4076

Details

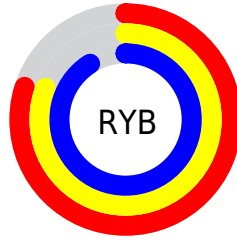
The XYZ color **61.2654, 62.6653, 85.2105** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **72.0779, 77.5059, 67.6625**, and the grayscale version is **59.9298, 63.0508, 68.6624**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.4591, 31.9806, 45.5891** is the 20% darker color. If you saturate the color by 10%, you get **50.7342, 50.2902, 83.3779**, and if you desaturate by 10%, it is **73.4083, 76.8580, 87.3110**.

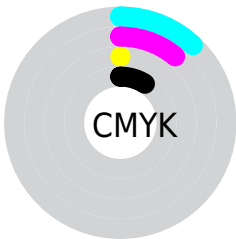
Distribution



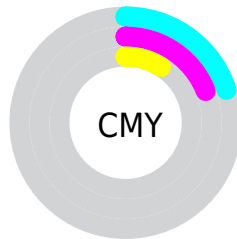
- Red (80%)
- Green (81%)
- Blue (91%)



- Red (80%)
- Yellow (81%)
- Blue (91%)



- Cyan (12%)
- Magenta (11%)
- Yellow (0%)
- Black (9%)



- Cyan (20%)
- Magenta (19%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2654, 62.6653, 85.2105 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 61.2654, 62.6653, 85.2105 by changing the saturation by 10% instead.

■ 61.2654, 62.6653,
85.2105

■ 61.2654, 62.6653,
85.2105

419.0068,
434.3538, 532.4871

■ 44.6927, 45.5705,
63.4642

105.7591,
108.6865, 142.5440

■ 31.4157, 31.9070,
45.7734

134.4108,
138.3817, 178.9683

■ 21.0690, 21.2905,
31.7197

167.8195,
173.0458, 221.1223

■ 13.2872, 13.3365,
20.8844

206.3507,
213.0632, 269.4245

■ 7.7050, 7.6607,
12.8491

250.3697,
258.8183, 324.2936

■ 3.9570, 3.8786,
7.1952

300.2418,

■ 1.6778, 1.6059,

310.6955, 386.1480

3.5042

356.3324,
369.0792, 455.4063

■ 0.4423, 0.3616,
1.3575

■ 0.0000, 0.0000,
0.1082

■ 61.2654, 62.6653,
85.2105

■ 61.2654, 62.6653,
85.2105

■ 50.7342, 50.2902,
83.3779

■ 73.4083, 76.8580,
87.3110

■ 41.7414, 39.6517,
81.7985

■ 87.2210, 92.9296,
89.6851

■ 34.2164, 30.6743,
80.4622

■ 91.5657, 98.6063,
90.5518

■ 28.0809, 23.2736,
79.3571

■ 23.2491, 17.3581,
78.4700

■ 19.6256, 12.8266,
77.7863

■ 17.1021, 9.5652,
77.2898

■ 15.5501, 7.4413,
76.9616

■ 14.8927, 6.4804,
76.8108

Harmonies

Analogous

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



58.2849, 62.6653, 85.5689



61.2654, 62.6653, 85.2105



63.8708, 62.6653, 80.0694

Triad

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



61.2654, 62.6653, 85.2105



63.5629, 62.6653, 56.8726



54.1324, 62.6653, 64.6153

Complementary

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



61.2654, 62.6653, 85.2105



72.0779, 77.5059, 67.6625

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.



55.4505, 62.6653, 57.6226



61.2654, 62.6653, 85.2105



60.8566, 62.6653, 53.4106

Square

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



61.2654, 62.6653, 85.2105



65.2274, 62.6653, 63.5111



57.8895, 62.6653, 53.6731



54.2336, 62.6653, 73.1810

Rectangle

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



61.2654, 62.6653, 85.2105



65.0144, 62.6653, 74.8477



57.8895, 62.6653, 53.6731



54.4223, 62.6653, 62.0178

Sweetspot

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



61.2673, 62.6679, 85.2119



88.5484, 92.4205, 107.7797



67.5757, 76.0466, 84.9663



18.6993, 19.4857, 23.0255



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.



61.2673, 62.6679, 85.2119



72.3710, 73.4935, 104.9790



63.6883, 62.8531, 85.1200



13.7023, 14.1260, 18.1487



8.3104, 3.6829, 42.6560



0.6549, 0.3536, 3.1657

Inverse Universe

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



65.7767, 64.3254, 67.3447



79.0010, 75.9619, 78.7027



69.4205, 77.3800, 67.7782



14.4373, 14.3921, 15.2374



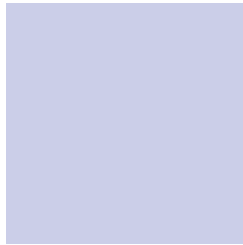
18.5882, 9.5695, 1.4605



1.3942, 0.7154, 0.2162

Previews

White Background



This preview shows how the XYZ color 61.2654, 62.6653, 85.2105 looks on a white background.

Color Contrast Check

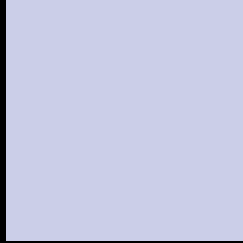
Large Text (above 18pt) WCAG AA × Fail

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 61.2654, 62.6653, 85.2105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

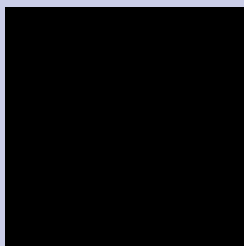
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.2654, 62.6653, 85.2105

Background



This preview shows how black text looks on a background with the XYZ color 61.2654, 62.6653, 85.2105.

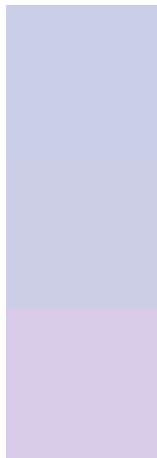


This preview shows how white text looks on a background with the XYZ color 61.2654, 62.6653,

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

61.2654, 62.6653, 85.2105

Protanopia

61.5386, 62.8062, 85.2233

Deuteranopia

64.1474, 62.7232, 85.8166



Tritanopia

60.1245, 62.5640, 79.4282

Trichromacy



Original Color

61.2654, 62.6653, 85.2105

Protanomaly

61.5386, 62.8062, 85.2233

Deuteranomaly

62.9279, 62.4439, 85.8270

Tritanomaly

60.5351, 62.7283, 81.5903

Monochromacy



Original Color

61.2654, 62.6653, 85.2105

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.2908, 62.7572, 74.5813

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2654, 62.6653, 85.2105 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(203, 206, 232) looks like.

```
.text, #text, p{  
    color:rgb(203, 206, 232)  
}
```

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(203, 206, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 206, 232) }
```

Border

The CSS property to change the border of an element to XYZ 61.2654, 62.6653, 85.2105 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(203, 206, 232) }
```


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

```
.border{ border-color:rgb(203, 206, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 206, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 206, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 206, 232);  
box-shadow:4px 4px 4px 4px rgb(203, 206,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2654, 62.6653, 85.2105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 206, 232) }
```

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

```
.background{ background-color: rgb(203,  
206, 232) }
```

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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