

Converting Colors

XYZ(60.7539, 62.0454, 85.1178)

Have a look what the booklet for
XYZ(60.7539, 62.0454, 85.1178)
contains.

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Color

**XYZ(60.7539, 62.0454,
85.1178)**

Conversions

Conversions Part 1

Format	Color
Hex	CACDE8
RGB	202, 205, 232
RGB Percent	79%, 80%, 91%
CMY	0.2078, 0.1961, 0.0902
CMYK	0.13, 0.12, 0.00, 0.09
HSL	234°, 39%, 85%
HSV	234°, 13%, 91%
XYZ	60.7539, 62.0454, 85.1178
YIQ	207.1810, -10.4550, 7.7610

Conversions

Conversions Part 2

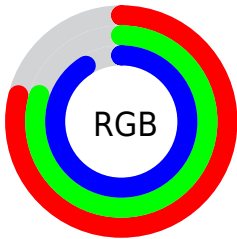
Format	Color
R _Y B	202, 205, 232
Decimal	13290984
CIE Lab	82.94, 4.25, -13.66
CIE LCh	83, 14.304, 287.293
Yxy	62.0454, 0.2922, 0.2984
Android (android.graphics.Color)	4291481064 (0xFFCACDE8)
YUV	207.1810, 12.2358, -4.5437
Hunter-Lab	78.7689, -0.1698, -8.9306

Details

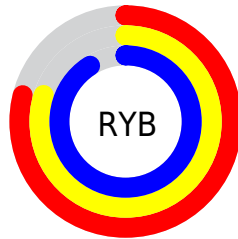
The XYZ color **60.7539, 62.0454, 85.1178** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **71.9589, 77.4582, 67.0366**, and the grayscale version is **59.3548, 62.4458, 68.0035**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.1158, 31.5637, 45.5267** is the 20% darker color. If you saturate the color by 10%, you get **50.2771, 49.7200, 83.2919**, and if you desaturate by 10%, it is **72.8445, 76.1952, 87.2127**.

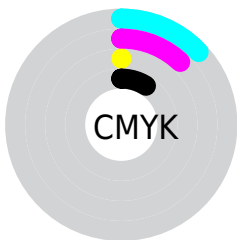
Distribution



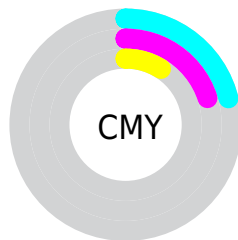
- Red (79%)
- Green (80%)
- Blue (91%)



- Red (79%)
- Yellow (80%)
- Blue (91%)



- Cyan (13%)
- Magenta (12%)
- Yellow (0%)
- Black (9%)



- Cyan (21%)
- Magenta (20%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7539, 62.0454, 85.1178 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 60.7539, 62.0454, 85.1178 by changing the saturation by 10% instead.

■ 60.7539, 62.0454,
85.1178

■ 60.7539, 62.0454,
85.1178

417.1614,
432.0967, 532.1725

■ 44.2784, 45.0694,
63.3880

105.0227,
107.7911, 142.4134

■ 31.0883, 31.5121,
45.7122

133.5466,
137.3297, 178.8162

■ 20.8182, 20.9891,
31.6717

166.8174,
171.8245, 220.9472

■ 13.1029, 13.1160,
20.8481

205.2004,
211.6600, 269.2248

■ 7.5769, 7.5085,
12.8229

249.0609,
257.2205, 324.0676

■ 3.8750, 3.7821,
7.1774

298.7644,

■ 1.6316, 1.5524,

308.8906, 385.8941

3.4932

354.6761,
367.0545, 455.1229

■ 0.4129, 0.3252,
1.3516

■ 0.0000, 0.0000,
0.1036

■ 60.7539, 62.0454,
85.1178

■ 60.7539, 62.0454,
85.1178

■ 50.2771, 49.7200,
83.2919

■ 72.8445, 76.1952,
87.2127

■ 41.3404, 39.1373,
81.7203

■ 86.6074, 92.2315,
89.5827

■ 33.8726, 30.2208,
80.3928

■ 91.5657, 98.6063,
90.5518

■ 27.7946, 22.8851,
79.2972

■ 23.0199, 17.0375,
78.4202

■ 19.4523, 12.5754,
77.7469

■ 16.9820, 9.3829,
77.2609

■ 15.4788, 7.3250,
76.9429

■ 14.8765, 6.4479,
76.8054

Harmonies

Analogous

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



57.6765, 62.0454, 85.5290



60.7539, 62.0454, 85.1178



63.4413, 62.0454, 79.7520

Triad

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



60.7539, 62.0454, 85.1178



63.0895, 62.0454, 55.8221



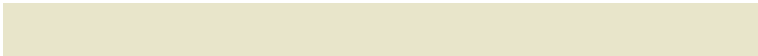
53.3708, 62.0454, 63.8870

Complementary

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



60.7539, 62.0454, 85.1178



71.9589, 77.4582, 67.0366

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.



54.7183, 62.0454, 56.6730



60.7539, 62.0454, 85.1178



60.2873, 62.0454, 52.2972

Square

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



60.7539, 62.0454, 85.1178



64.8217, 62.0454, 62.6299



57.2259, 62.0454, 52.5944



53.4858, 62.0454, 72.7357

Rectangle

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



60.7539, 62.0454, 85.1178



64.6177, 62.0454, 74.3321



57.2259, 62.0454, 52.5944



53.6657, 62.0454, 61.2064

Sweetspot

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



60.7558, 62.0480, 85.1192



88.5378, 92.3992, 107.7761



67.2879, 75.9001, 84.8680



18.6966, 19.4803, 23.0246



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.



60.7558, 62.0480, 85.1192



70.9850, 71.8364, 104.7322



63.2730, 62.2895, 85.0331



13.6983, 14.1180, 18.1474



8.3003, 3.6628, 42.6527



0.6529, 0.3498, 3.1651

Inverse Universe

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



65.4201, 63.8060, 66.6284



78.0293, 74.5313, 76.7979



69.1851, 77.2723, 67.1469



14.4353, 14.3913, 15.2268



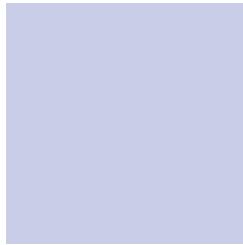
18.5831, 9.5675, 1.4338



1.3932, 0.7150, 0.2112

Previews

White Background



This preview shows how the XYZ color 60.7539, 62.0454, 85.1178 looks on a white background.

Color Contrast Check

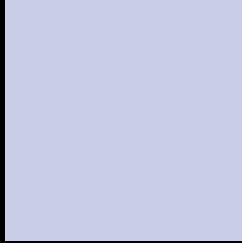
Large Text (above 18pt) WCAG AA × Fail

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 60.7539, 62.0454, 85.1178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

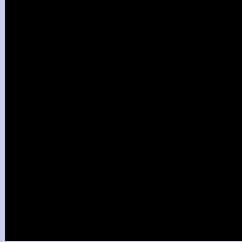
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.7539, 62.0454, 85.1178

Background



This preview shows how black text looks on a background with the XYZ color 60.7539, 62.0454, 85.1178.



This preview shows how white text looks on a background with the XYZ color 60.7539, 62.0454,

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

60.7539, 62.0454, 85.1178

Protanopia

60.7539, 62.0454, 85.1178

Deuteranopia

63.3262, 61.9526, 85.7112



Tritanopia

59.4515, 62.2327, 78.6907

Trichromacy



Original Color

60.7539, 62.0454, 85.1178

Protanomaly

60.7539, 62.0454, 85.1178

Deuteranomaly

62.4069, 61.8259, 85.7352

Tritanomaly

59.8862, 62.0511, 80.7722

Monochromacy



Original Color

60.7539, 62.0454, 85.1178

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.6428, 62.0796, 73.8048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7539, 62.0454, 85.1178 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(202, 205, 232)` looks like.

```
.text, #text, p{  
    color:rgb(202, 205, 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(202, 205, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 205, 232) }
```

Border

The CSS property to change the border of an element to XYZ 60.7539, 62.0454, 85.1178 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(202, 205, 232) }
```


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

```
.border{ border-color:rgb(202, 205, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 205, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 205, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 205, 232);  
box-shadow:4px 4px 4px 4px rgb(202, 205,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7539, 62.0454, 85.1178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 205, 232) }
```

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

```
.background{ background-color: rgb(202,  
205, 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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