

Converting Colors

XYZ(60.3342, 62.3211, 81.2351)

Have a look what the booklet for
XYZ(60.3342, 62.3211, 81.2351)
contains.

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Color

**XYZ(60.2936, 62.2452,
81.5098)**

Conversions

Conversions Part 1

Format	Color
Hex	CACEE3
RGB	202, 206, 227
RGB Percent	79%, 81%, 89%
CMY	0.2078, 0.1921, 0.1098
CMYK	0.11, 0.09, 0.00, 0.11
HSL	230°, 31%, 84%
HSV	230°, 11%, 89%
XYZ	60.2936, 62.2452, 81.5098
YIQ	207.1980, -9.1250, 5.6830

Conversions

Conversions Part 2

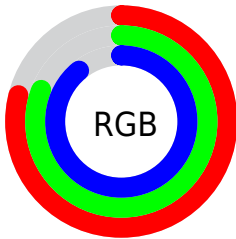
Format	Color
R _Y B	202, 205, 227
Decimal	13291235
CIE Lab	83.04, 2.70, -10.83
CIE LCh	83, 11.166, 284.015
Yxy	62.2452, 0.2955, 0.3051
Android (android.graphics.Color)	4291481315 (0xFFCACEE3)
YUV	207.1980, 9.7624, -4.5586
Hunter-Lab	78.8956, -1.6541, -6.0276

Details

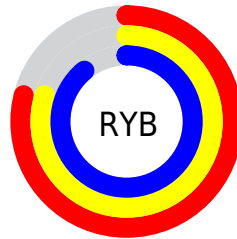
The XYZ color **60.2936, 62.2452, 81.5098** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.7273, 73.3703, 66.4181**, and the grayscale version is **59.3806, 62.4730, 68.0331**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.8874, 31.7309, 43.5265** is the 20% darker color. If you saturate the color by 10%, you get **50.2830, 50.6805, 79.8062**, and if you desaturate by 10%, it is **71.7682, 75.3944, 83.4440**.

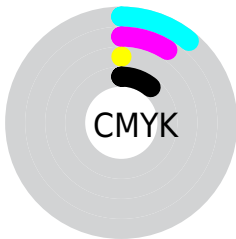
Distribution



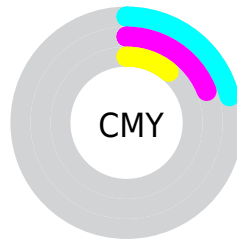
- Red (79%)
- Green (81%)
- Blue (89%)



- Red (79%)
- Yellow (80%)
- Blue (89%)



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



- Cyan (21%)
- Magenta (19%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2936, 62.2452, 81.5098 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 60.2936, 62.2452, 81.5098 by changing the saturation by 10% instead.

■ 60.2936, 62.2452,
81.5098

■ 60.2936, 62.2452,
81.5098

415.4965,
432.8249, 519.8468

■ 43.9057, 45.2309,
60.4281

104.3594,
108.0798, 137.3169

■ 30.7940, 31.6393,
43.3362

132.7680,
137.6689, 172.8793

■ 20.5931, 21.0861,
29.8157

165.9141,
172.2184, 214.1058

■ 12.9376, 13.1870,
19.4479

204.1633,
212.1126, 261.4147

■ 7.4623, 7.5574,
11.8143

247.8807,
257.7359, 315.2248

■ 3.8018, 3.8131,
6.4963

297.4319,

■ 1.5906, 1.5696,

309.4729, 375.9545

3.0755

353.1820,
367.7077, 444.0223

■ 0.3863, 0.3370,
1.1333

■ 0.0000, 0.0000,
0.0000

■ 60.2936, 62.2452,
81.5098

■ 60.2936, 62.2452,
81.5098

■ 50.2830, 50.6805,
79.8062

■ 71.7682, 75.3944,
83.4440

■ 41.6716, 40.6326,
78.3206

■ 84.7569, 90.1770,
85.6128

■ 34.3981, 32.0403,
77.0455

■ 90.8653, 98.3261,
86.8638

■ 28.3945, 24.8352,
75.9712

■ 23.5865, 18.9435,
75.0874

■ 19.8921, 14.2843,
74.3828

■ 17.2185, 10.7672,
73.8448

■ 15.4570, 8.2891,
73.4593

■ 14.5066, 6.8287,
73.2276

Harmonies

Analogous

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



57.8929, 62.2452, 81.3761



60.2936, 62.2452, 81.5098



62.4469, 62.2452, 77.7926

Triad

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



60.2936, 62.2452, 81.5098



62.5640, 62.2452, 58.9496



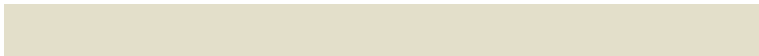
54.8106, 62.2452, 64.1786

Complementary

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



60.2936, 62.2452, 81.5098



68.7273, 73.3703, 66.4181

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.



55.9947, 62.2452, 58.6555



60.2936, 62.2452, 81.5098



60.4499, 62.2452, 55.7797

Square

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



60.2936, 62.2452, 81.5098



63.7817, 62.2452, 64.6053



58.0450, 62.2452, 55.6759



54.7713, 62.2452, 71.0455

Rectangle

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



60.2936, 62.2452, 81.5098



63.4342, 62.2452, 73.7681



58.0450, 62.2452, 55.6759



55.0865, 62.2452, 62.1145

Sweetspot

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



60.2954, 62.2478, 81.5112



90.2757, 94.5466, 108.0990



65.1242, 72.8146, 80.3176



19.0561, 19.9319, 23.0928



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.



60.2954, 62.2478, 81.5112



75.6404, 77.7502, 105.6284



61.6603, 61.5391, 81.3025



13.7683, 14.2579, 18.1707



8.5153, 4.0927, 42.7243



0.6862, 0.4163, 3.1761

Inverse Universe

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



63.9412, 63.0297, 67.1913



81.2083, 78.9776, 83.7510



67.2441, 74.2120, 66.6587



14.4706, 14.4054, 15.4127



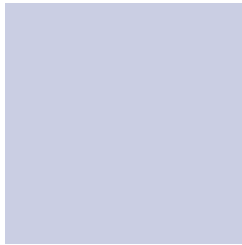
18.6916, 9.6109, 2.0051



1.4100, 0.7217, 0.2995

Previews

White Background



This preview shows how the XYZ color 60.2936, 62.2452, 81.5098 looks on a white background.

Color Contrast Check

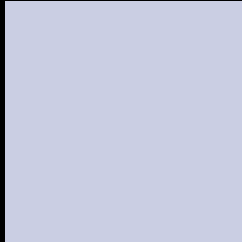
Large Text (above 18pt) WCAG AA × Fail

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 60.2936, 62.2452, 81.5098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

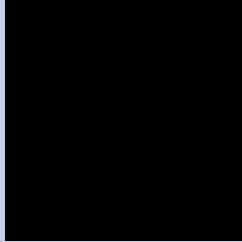
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.2936, 62.2452, 81.5098

Background



This preview shows how black text looks on a background with the XYZ color 60.2936, 62.2452, 81.5098.

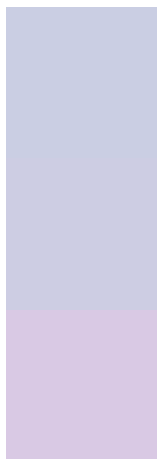


This preview shows how white text looks on a background with the XYZ color 60.2936, 62.2452,

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

60.2936, 62.2452, 81.5098

Protanopia

60.8733, 62.1878, 81.4681

Deuteranopia

63.5055, 62.1264, 82.0433



Tritanopia

59.7195, 62.3709, 78.7033

Trichromacy



Original Color

60.2936, 62.2452, 81.5098

Protanomaly

60.5983, 62.0461, 81.4553

Deuteranomaly

62.5109, 62.3104, 82.1312

Tritanomaly

59.8548, 62.4250, 79.4155

Monochromacy



Original Color

60.2936, 62.2452, 81.5098

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.6273, 62.4598, 72.5316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2936, 62.2452, 81.5098 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, 206, 227)` looks like.

```
.text, #text, p{  
    color:rgb(202, 206, 227)  
}
```

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, 206, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 206, 227) }
```

Border

The CSS property to change the border of an element to XYZ 60.2936, 62.2452, 81.5098 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, 206, 227) }
```


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

```
.border{ border-color:rgb(202, 206, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 206, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 206, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 206, 227);  
box-shadow:4px 4px 4px 4px rgb(202, 206,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2936, 62.2452, 81.5098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 206, 227) }
```

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

```
.background{ background-color: rgb(202,  
206, 227) }
```

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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