

Converting Colors

XYZ(62.9048, 64.6782, 85.6078)

Have a look what the booklet for
XYZ(62.9048, 64.6782, 85.6078)
contains.

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Color

**XYZ(62.8196, 64.5489,
85.4922)**

Conversions

Conversions Part 1

Format	Color
Hex	CED1E8
RGB	206, 209, 232
RGB Percent	81%, 82%, 91%
CMY	0.1921, 0.1804, 0.0902
CMYK	0.11, 0.10, 0.00, 0.09
HSL	233°, 36%, 86%
HSV	233°, 11%, 91%
XYZ	62.8196, 64.5489, 85.4922
YIQ	210.7250, -9.1710, 6.5170

Conversions

Conversions Part 2

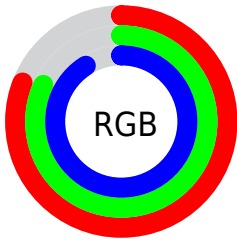
Format	Color
R _Y B	206, 209, 232
Decimal	13554152
CIE Lab	84.25, 3.42, -11.66
CIE LCh	84, 12.154, 286.338
Yxy	64.5489, 0.2951, 0.3032
Android (android.graphics.Color)	4291744232 (0xFFCED1E8)
YUV	210.7250, 10.4886, -4.1438
Hunter-Lab	80.3423, -1.0301, -6.8508

Details

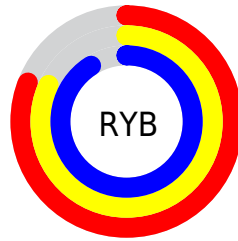
The XYZ color **62.8196, 64.5489, 85.4922** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.4391, 77.6505, 69.5641**, and the grayscale version is **61.6744, 64.8863, 70.6611**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.5067, 33.2527, 45.7794** is the 20% darker color. If you saturate the color by 10%, you get **52.1338, 52.0427, 83.6425**, and if you desaturate by 10%, it is **75.1084, 78.8476, 87.6054**.

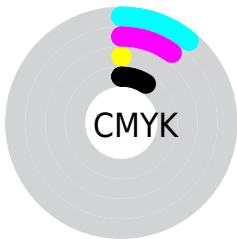
Distribution



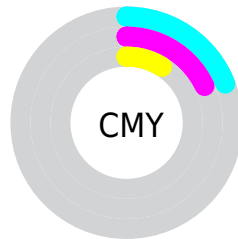
- Red (81%)
- Green (82%)
- Blue (91%)



- Red (81%)
- Yellow (82%)
- Blue (91%)



- Cyan (11%)
- Magenta (10%)
- Yellow (0%)
- Black (9%)



- Cyan (19%)
- Magenta (18%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.8196, 64.5489, 85.4922 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 62.8196, 64.5489, 85.4922 by changing the saturation by 10% instead.

■ 62.8196, 64.5489,
85.4922

■ 62.8196, 64.5489,
85.4922

424.5846,
441.1691, 533.4423

■ 45.9534, 47.0954,
63.6957

107.9925,
111.4011, 142.9409

■ 32.4135, 33.1111,
45.9596

137.0299,
141.5685, 179.4302

■ 21.8346, 22.2115,
31.8655

170.8550,
176.7427, 221.6541

■ 13.8513, 14.0124,
20.9948

209.8332,
217.3081, 270.0312

■ 8.0984, 8.1293,
12.9290

254.3300,
263.6490, 324.9800

■ 4.2103, 4.1778,
7.2495

304.7105,

■ 1.8218, 1.7735,

316.1499, 386.9191

3.5378

361.3403,
375.1952, 456.2670

■ 0.5307, 0.4706,
1.3754

■ 0.0000, 0.0000,
0.1224

■ 62.8196, 64.5489,
85.4922

■ 62.8196, 64.5489,
85.4922

■ 52.1338, 52.0427,
83.6425

■ 75.1084, 78.8476,
87.6054

■ 42.9792, 41.2503,
82.0418

■ 89.0567, 94.9972,
89.9875

■ 35.2869, 32.0992,
80.6809

■ 91.5657, 98.6063,
90.5519

■ 28.9808, 24.5086,
79.5481

■ 23.9776, 18.3906,
78.6310

■ 20.1849, 13.6487,
77.9156

■ 17.4982, 10.1747,
77.3866

■ 15.7946, 7.8435,
77.0265

■ 14.9528, 6.6006,
76.8309

Harmonies

Analogous

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



60.1371, 64.5489, 85.6965



62.8196, 64.5489, 85.4922



65.1736, 64.5489, 81.0241

Triad

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



62.8196, 64.5489, 85.4922



64.9959, 64.5489, 60.0934



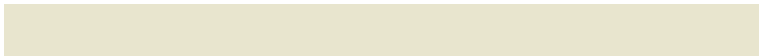
56.4576, 64.5489, 66.8386

Complementary

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



62.8196, 64.5489, 85.4922



72.4391, 77.6505, 69.5641

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.



57.6824, 64.5489, 60.5354



62.8196, 64.5489, 85.4922



62.5827, 64.5489, 56.8379

Square

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



62.8196, 64.5489, 85.4922



66.4550, 64.5489, 66.1941



59.9070, 64.5489, 56.9935



56.5168, 64.5489, 74.5364

Rectangle

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



62.8196, 64.5489, 85.4922



66.2167, 64.5489, 76.4029



59.9070, 64.5489, 56.9935



56.7312, 64.5489, 64.4986

Sweetspot

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



62.8215, 64.5516, 85.4936



90.1705, 94.3363, 108.0640



68.4497, 76.4915, 85.2621



19.0278, 19.8754, 23.0834



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.



62.8215, 64.5516, 85.4936



75.2372, 76.9437, 105.4939



64.9472, 64.5642, 85.3840



13.7162, 14.1538, 18.1534



8.3473, 3.7567, 42.6683



0.6615, 0.3669, 3.1679

Inverse Universe

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



66.8602, 65.9034, 69.5213



81.0048, 78.8962, 82.6792



70.1328, 77.7055, 69.6963



14.4443, 14.3949, 15.2743



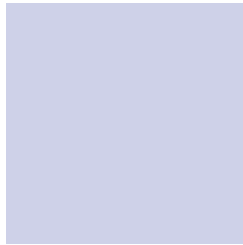
18.6068, 9.5770, 1.5586



1.3975, 0.7167, 0.2338

Previews

White Background



This preview shows how the XYZ color 62.8196, 64.5489, 85.4922 looks on a white background.

Color Contrast Check

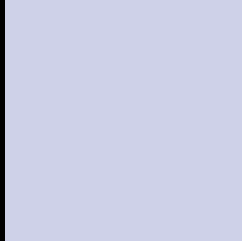
Large Text (above 18pt) WCAG AA × Fail

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 62.8196, 64.5489, 85.4922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

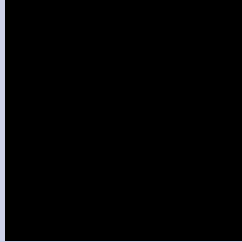
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.8196, 64.5489, 85.4922

Background



This preview shows how black text looks on a background with the XYZ color 62.8196, 64.5489, 85.4922.

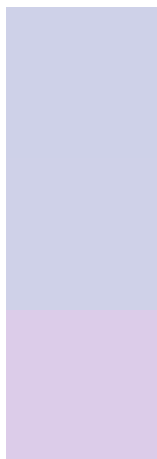


This preview shows how white text looks on a background with the XYZ color 62.8196, 64.5489,

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

62.8196, 64.5489, 85.4922

Protanopia

63.0981, 64.6925, 85.5052

Deuteranopia

65.8160, 64.2846, 86.0301



Tritanopia

62.0886, 64.6184, 81.8732

Trichromacy



Original Color

62.8196, 64.5489, 85.4922

Protanomaly

63.0981, 64.6925, 85.5052

Deuteranomaly

64.8036, 64.4729, 86.1198

Tritanomaly

62.3663, 64.7295, 83.3357

Monochromacy



Original Color

62.8196, 64.5489, 85.4922

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.1273, 64.7630, 76.2439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8196, 64.5489, 85.4922 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(206, 209, 232) looks like.

```
.text, #text, p{  
    color:rgb(206, 209, 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(206, 209, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 209, 232) }
```

Border

The CSS property to change the border of an element to XYZ 62.8196, 64.5489, 85.4922 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(206, 209, 232) }
```


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

```
.border{ border-color:rgb(206, 209, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 209, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 209, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 209, 232);  
box-shadow:4px 4px 4px 4px rgb(206, 209,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8196, 64.5489, 85.4922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 209, 232) }
```

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

```
.background{ background-color: rgb(206,  
209, 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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