

Converting Colors

XYZ(62.7187, 65.5105, 79.1540)

Have a look what the booklet for
XYZ(62.7187, 65.5105, 79.1540)
contains.

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Color

**XYZ(62.6260, 65.3261,
79.1205)**

Conversions

Conversions Part 1

Format	Color
Hex	D0D3DF
RGB	208, 211, 223
RGB Percent	82%, 83%, 87%
CMY	0.1843, 0.1725, 0.1255
CMYK	0.07, 0.05, 0.00, 0.13
HSL	228°, 19%, 85%
HSV	228°, 7%, 87%
XYZ	62.6260, 65.3261, 79.1205
YIQ	211.4710, -5.6400, 3.0960

Conversions

Conversions Part 2

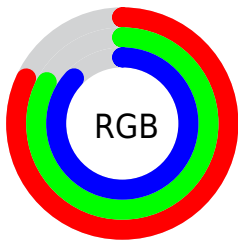
Format	Color
R _Y B	208, 211, 223
Decimal	13685727
CIE Lab	84.65, 1.24, -6.27
CIE LCh	85, 6.392, 281.219
Yxy	65.3261, 0.3024, 0.3155
Android (android.graphics.Color)	4291875807 (0xFFD0D3DF)
YUV	211.4710, 5.6838, -3.0441
Hunter-Lab	80.8246, -3.1343, -1.4628

Details

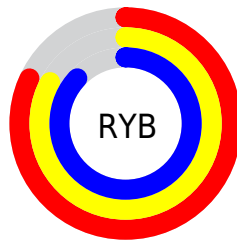
The XYZ color **62.6260, 65.3261, 79.1205** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.4101, 71.4281, 69.9099**, and the grayscale version is **62.1962, 65.4352, 71.2590**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.4513, 33.8111, 41.8616** is the 20% darker color. If you saturate the color by 10%, you get **52.6041, 53.9443, 77.4528**, and if you desaturate by 10%, it is **74.0249, 78.1512, 80.9962**.

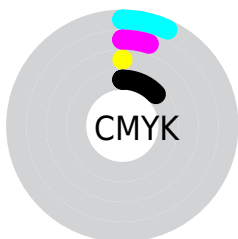
Distribution



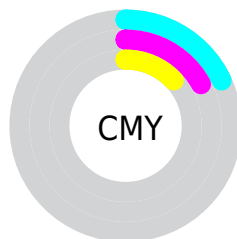
- Red (82%)
- Green (83%)
- Blue (87%)



- Red (82%)
- Yellow (83%)
- Blue (87%)



- Cyan (7%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)



- Cyan (18%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.6260, 65.3261, 79.1205 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 62.6260, 65.3261, 79.1205 by changing the saturation by 10% instead.

■ 62.6260, 65.3261,
79.1205

■ 62.6260, 65.3261,
79.1205

423.8921,
443.9629, 511.5923

■ 45.7962, 47.7256,
58.4730

107.7146,
112.5186, 133.9287

■ 32.2890, 33.6096,
41.7718

136.7042,
142.8793, 168.9264

■ 21.7389, 22.5938,
28.5984

170.4777,
178.2621, 209.5447

■ 13.7807, 14.2939,
18.5343

209.4005,
219.0516, 256.2020

■ 8.0490, 8.3254,
11.1609

253.8380,
265.6320, 309.3168

■ 4.1784, 4.3038,
6.0596

304.1555,

■ 1.8035, 1.8449,

318.3877, 369.3078

2.8120

360.7185,
377.7032, 436.5935

■ 0.5198, 0.5149,
0.9994

■ 0.0000, 0.0000,
0.0000

■ 62.6260, 65.3261,
79.1205

■ 62.6260, 65.3261,
79.1205

■ 52.6041, 53.9443,
77.4528

■ 74.0249, 78.1512,
80.9962

■ 43.9010, 43.9466,
75.9818

■ 86.8447, 92.4596,
83.0823

■ 36.4625, 35.2820,
74.7014

■ 90.3195, 98.1078,
83.9894

■ 30.2287, 27.8931,
73.6037

■ 25.1344, 21.7182,
72.6803

■ 21.1083, 16.6902,
71.9221

■ 18.0707, 12.7354,
71.3188

■ 15.9297, 9.7707,
70.8594

■ 14.5722, 7.6976,
70.5308

Harmonies

Analogous

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



61.2111, 65.3261, 78.8329



62.6260, 65.3261, 79.1205



63.9165, 65.3261, 77.2064

Triad

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



62.6260, 65.3261, 79.1205



64.1778, 65.3261, 66.0745



59.5283, 65.3261, 68.6285

Complementary

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



62.6260, 65.3261, 79.1205



67.4101, 71.4281, 69.9099

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.



60.2996, 65.3261, 65.3792



62.6260, 65.3261, 79.1205



62.9782, 65.3261, 63.9442

Square

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



62.6260, 65.3261, 79.1205



64.8216, 65.3261, 69.6107



61.5581, 65.3261, 63.6946



59.4373, 65.3261, 72.6693

Rectangle

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



62.6260, 65.3261, 79.1205



64.5271, 65.3261, 74.9807



61.5581, 65.3261, 63.6946



59.7160, 65.3261, 67.4116

Sweetspot

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



62.6279, 65.3289, 79.1219



91.9110, 96.4705, 108.3842



65.2864, 71.3405, 77.8669



19.7056, 20.6857, 23.2041



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.



62.6279, 65.3289, 79.1219



82.9531, 86.3623, 106.9052



63.0999, 64.4750, 78.9323



13.1731, 13.6854, 17.3349



8.4392, 4.3479, 41.4428



0.6481, 0.4277, 2.8936

Inverse Universe

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



64.7467, 65.5043, 70.8622



86.3673, 86.6612, 93.5920



66.9122, 72.3518, 70.1144



13.8189, 13.7452, 14.8163



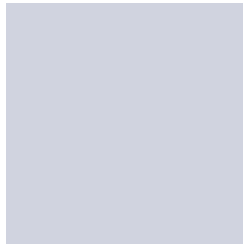
18.1999, 9.3470, 2.4525



1.2934, 0.6606, 0.3379

Previews

White Background



This preview shows how the XYZ color 62.6260, 65.3261, 79.1205 looks on a white background.

Color Contrast Check

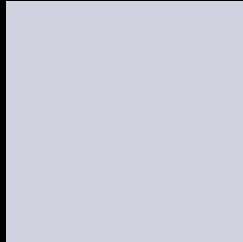
Large Text (above 18pt) WCAG AA × Fail

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 62.6260, 65.3261, 79.1205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

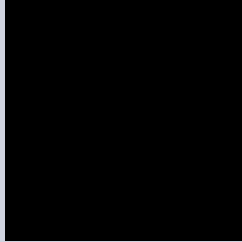
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.6260, 65.3261, 79.1205

Background



This preview shows how black text looks on a background with the XYZ color 62.6260, 65.3261, 79.1205.

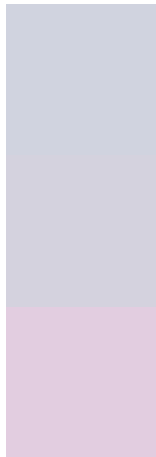


This preview shows how white text looks on a background with the XYZ color 62.6260, 65.3261, 79.1205.

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

62.6260, 65.3261, 79.1205

Protanopia

63.3828, 65.3642, 78.3832

Deuteranopia

66.6499, 65.2132, 79.5956



Tritanopia

63.2062, 65.1945, 81.9255

Trichromacy



Original Color

62.6260, 65.3261, 79.1205

Protanomaly

63.0954, 65.2160, 78.3697

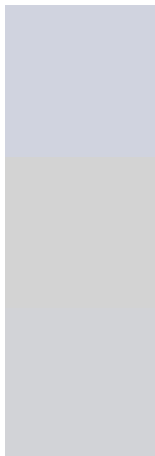
Deuteranomaly

64.9808, 65.0675, 79.6554

Tritanomaly

63.0686, 65.1395, 81.2006

Monochromacy



Original Color

62.6260, 65.3261, 79.1205

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.1383, 65.1965, 73.5991

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6260, 65.3261, 79.1205 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(208, 211, 223) looks like.

```
.text, #text, p{  
    color:rgb(208, 211, 223)  
}
```

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(208, 211, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 211, 223) }
```

Border

The CSS property to change the border of an element to XYZ 62.6260, 65.3261, 79.1205 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(208, 211, 223) }
```


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

```
.border{ border-color:rgb(208, 211, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 211, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 211, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 211, 223);  
box-shadow:4px 4px 4px 4px rgb(208, 211,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6260, 65.3261, 79.1205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 211, 223) }
```

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

```
.background{ background-color: rgb(208,  
211, 223) }
```

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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