

Converting Colors

XYZ(62.4038, 65.1163, 76.4947)

Have a look what the booklet for
XYZ(62.4038, 65.1163, 76.4947)
contains.

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Color

**XYZ(62.3749, 65.2583,
76.3264)**

Conversions

Conversions Part 1

Format	Color
Hex	D1D3DB
RGB	209, 211, 219
RGB Percent	82%, 83%, 86%
CMY	0.1804, 0.1725, 0.1412
CMYK	0.05, 0.04, 0.00, 0.14
HSL	228°, 12%, 84%
HSV	228°, 5%, 86%
XYZ	62.3749, 65.2583, 76.3264
YIQ	211.3140, -3.7600, 2.0640

Conversions

Conversions Part 2

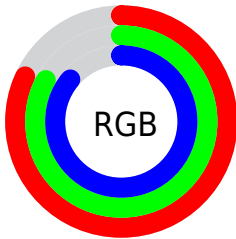
Format	Color
R _Y B	209, 211, 219
Decimal	13751259
CIE Lab	84.62, 0.81, -4.19
CIE LCh	85, 4.266, 280.967
Yxy	65.2583, 0.3058, 0.3200
Android (android.graphics.Color)	4291941339 (0xFFD1D3DB)
YUV	211.3140, 3.7892, -2.0294
Hunter-Lab	80.7826, -3.5439, 0.5284

Details

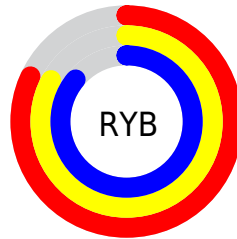
The XYZ color **62.3749, 65.2583, 76.3264** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.5350, 69.2884, 70.2425**, and the grayscale version is **62.1035, 65.3377, 71.1528**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.2754, 33.7628, 39.9377** is the 20% darker color. If you saturate the color by 10%, you get **52.4837, 54.0502, 74.6853**, and if you desaturate by 10%, it is **73.5956, 77.8590, 78.1682**.

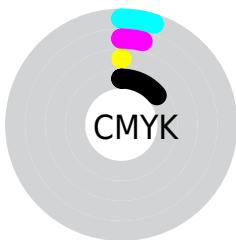
Distribution



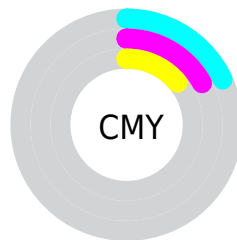
- Red (82%)
- Green (83%)
- Blue (86%)



- Red (82%)
- Yellow (83%)
- Blue (86%)



- Cyan (5%)
- Magenta (4%)
- Yellow (0%)
- Black (14%)



- Cyan (18%)
- Magenta (17%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3749, 65.2583, 76.3264 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 62.3749, 65.2583, 76.3264 by changing the saturation by 10% instead.

■ 62.3749, 65.2583,
76.3264

■ 62.3749, 65.2583,
76.3264

422.9931,
443.7196, 501.8408

■ 45.5924, 47.6706,
56.1919

107.3541,
112.4211, 129.9525

■ 32.1276, 33.5661,
39.9518

136.2815,
142.7650, 164.2812

■ 21.6150, 22.5604,
27.1875

169.9879,
178.1297, 204.1784

■ 13.6893, 14.2693,
17.4804

208.8388,
218.8997, 250.0627

■ 7.9851, 8.3082,
10.4120

253.1993,
265.4592, 302.3525

■ 4.1372, 4.2928,
5.5638

303.4350,

■ 1.7800, 1.8387,

318.1928, 361.4664

2.5173

359.9112,
377.4848, 427.8230

■ 0.5056, 0.5111,
0.8493

■ 0.0000, 0.0000,
0.0000

■ 62.3749, 65.2583,
76.3264

■ 62.3749, 65.2583,
76.3264

■ 52.4837, 54.0502,
74.6853

■ 73.5956, 77.8590,
78.1682

■ 43.8668, 44.1784,
73.2340

■ 86.1871, 91.8897,
80.2127

■ 36.4731, 35.5947,
71.9669

■ 89.7864, 97.8945,
81.1821

■ 30.2461, 28.2451,
70.8765

■ 25.1249, 22.0716,
69.9548

■ 21.0425, 17.0112,
69.1932

■ 17.9247, 12.9950,
68.5823

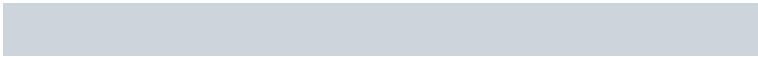
■ 15.6867, 9.9457,
68.1117

■ 14.2277, 7.7742,
67.7695

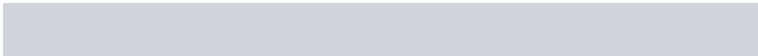
Harmonies

Analogous

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



61.4311, 65.2583, 76.1264



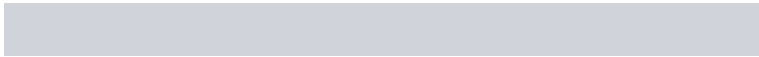
62.3749, 65.2583, 76.3264



63.2338, 65.2583, 75.0871

Triad

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



62.3749, 65.2583, 76.3264



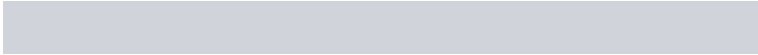
63.4183, 65.2583, 67.6737



60.3119, 65.2583, 69.3595

Complementary

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



62.3749, 65.2583, 76.3264



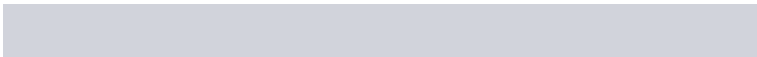
65.5350, 69.2884, 70.2425

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.



60.8338, 65.2583, 67.1703



62.3749, 65.2583, 76.3264



62.6248, 65.2583, 66.2143

Square

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



62.3749, 65.2583, 76.3264



63.8403, 65.2583, 70.0627



61.6785, 65.2583, 66.0324



60.2465, 65.2583, 72.0571

Rectangle

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



62.3749, 65.2583, 76.3264



63.6401, 65.2583, 73.6295



61.6785, 65.2583, 66.0324



60.4395, 65.2583, 68.5416

Sweetspot

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



62.3768, 65.2611, 76.3278



93.4710, 98.2254, 108.6407



64.1297, 69.2204, 75.5139



20.0233, 21.0430, 23.2563



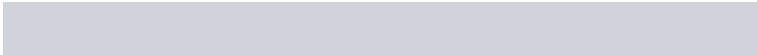
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.3768, 65.2611, 76.3278



87.3471, 91.3281, 107.6321



62.6910, 64.6887, 76.2008



13.3867, 13.9851, 16.6460



8.1750, 4.2195, 40.1220



0.5910, 0.3961, 2.6198

Inverse Universe

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



63.7732, 65.3653, 70.8869



89.5182, 91.4938, 99.1718



65.2093, 69.8918, 70.3761



13.7628, 14.0146, 15.1803



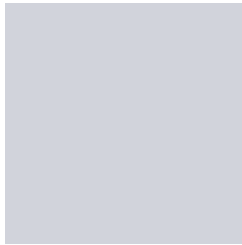
17.6217, 9.0497, 2.3880



1.1726, 0.5987, 0.3178

Previews

White Background



This preview shows how the XYZ color 62.3749, 65.2583, 76.3264 looks on a white background.

Color Contrast Check

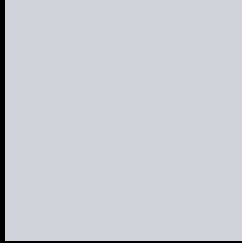
Large Text (above 18pt) WCAG AA × Fail

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 62.3749, 65.2583, 76.3264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

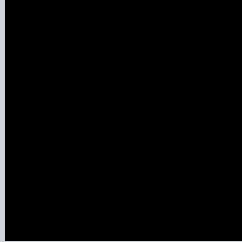
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

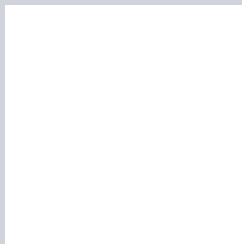
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.3749, 65.2583, 76.3264

Background



This preview shows how black text looks on a background with the XYZ color 62.3749, 65.2583, 76.3264.

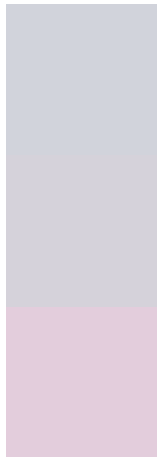


This preview shows how white text looks on a background with the XYZ color 62.3749, 65.2583,

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

62.3749, 65.2583, 76.3264

Protanopia

63.1421, 65.3013, 75.6061

Deuteranopia

66.4281, 65.1608, 76.7863



Tritanopia

63.3524, 65.2858, 81.2139

Trichromacy



Original Color

62.3749, 65.2583, 76.3264

Protanomaly

62.8529, 65.1522, 75.5926

Deuteranomaly

64.7463, 65.0086, 76.8456

Tritanomaly

62.9442, 65.1225, 79.0644

Monochromacy



Original Color

62.3749, 65.2583, 76.3264

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.0102, 65.1452, 72.9243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3749, 65.2583, 76.3264 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(209, 211, 219) looks like.

```
.text, #text, p{  
    color:rgb(209, 211, 219)  
}
```

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(209, 211, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 211, 219) }
```

Border

The CSS property to change the border of an element to XYZ 62.3749, 65.2583, 76.3264 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(209, 211, 219) }
```


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

```
.border{ border-color:rgb(209, 211, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 211, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 211, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 211, 219);  
box-shadow:4px 4px 4px 4px rgb(209, 211,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3749, 65.2583, 76.3264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 211, 219) }
```

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

```
.background{ background-color: rgb(209,  
211, 219) }
```

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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