

Converting Colors

XYZ(62.5793, 66.0403, 75.7789)

Have a look what the booklet for
XYZ(62.5793, 66.0403, 75.7789)
contains.

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Color

**XYZ(62.7436, 66.2058,
75.8017)**

Conversions

Conversions Part 1

Format	Color
Hex	D1D5DA
RGB	209, 213, 218
RGB Percent	82%, 84%, 85%
CMY	0.1804, 0.1647, 0.1451
CMYK	0.04, 0.02, 0.00, 0.15
HSL	213°, 11%, 84%
HSV	213°, 4%, 85%
XYZ	62.7436, 66.2058, 75.8017
YIQ	212.3740, -3.9890, 0.7070

Conversions

Conversions Part 2

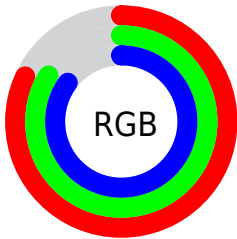
Format	Color
R _Y B	209, 212, 218
Decimal	13751770
CIE Lab	85.10, -0.42, -2.94
CIE LCh	85, 2.974, 261.826
Yxy	66.2058, 0.3064, 0.3233
Android (android.graphics.Color)	4291941850 (0xFFD1D5DA)
YUV	212.3740, 2.7736, -2.9590
Hunter-Lab	81.3669, -4.7474, 1.7221

Details

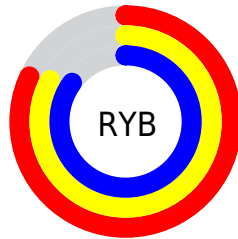
The XYZ color **62.7436, 66.2058, 75.8017** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.4686, 67.6011, 69.9729**, and the grayscale version is **62.8137, 66.0849, 71.9665**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.3553, 34.0666, 39.5205** is the 20% darker color. If you saturate the color by 10%, you get **54.0619, 57.3803, 74.5568**, and if you desaturate by 10%, it is **72.5003, 75.9264, 77.1647**.

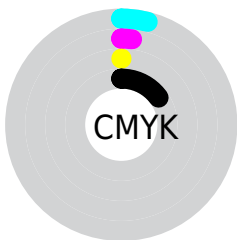
Distribution



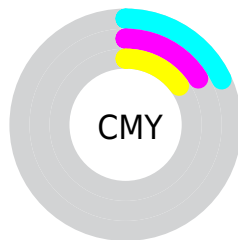
- Red (82%)
- Green (84%)
- Blue (85%)



- Red (82%)
- Yellow (83%)
- Blue (85%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (15%)



- Cyan (18%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.7436, 66.2058, 75.8017 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 62.7436, 66.2058, 75.8017 by changing the saturation by 10% instead.

■ 62.7436, 66.2058,
75.8017

■ 62.7436, 66.2058,
75.8017

424.3128,
447.1125, 499.9974

■ 45.8917, 48.4395,
55.7642

107.8834,
113.7817, 129.2041

■ 32.3646, 34.1751,
39.6112

136.9020,
144.3600, 163.4061

■ 21.7970, 23.0281,
26.9241

170.7069,
179.9778, 203.1667

■ 13.8236, 14.6143,
17.2843

209.6634,
221.0194, 248.9044

■ 8.0790, 8.5491,
10.2733

254.1369,
267.8694, 301.0378

■ 4.1978, 4.4483,
5.4726

304.4927,

■ 1.8146, 1.9274,

320.9119, 359.9854

2.4636

361.0962,
380.5315, 426.1657

■ 0.5264, 0.5647,
0.8208

■ 0.0000, 0.0000,
0.0000

■ 62.7436, 66.2058,
75.8017

■ 62.7436, 66.2058,
75.8017

■ 54.0619, 57.3803,
74.5568

■ 72.5003, 75.9264,
77.1647

■ 46.4105, 49.4140,
73.4224

■ 83.3631, 86.5597,
78.6446

■ 39.7498, 42.2808,
72.3966

■ 87.8672, 94.2662,
79.8948

■ 34.0354, 35.9500,
71.4758

■ 89.6551, 97.8420,
80.4907

■ 29.2193, 30.3887,
70.6562

■ 25.2489, 25.5612,
69.9337

■ 22.0655, 21.4285,
69.3038

■ 19.6018, 17.9465,
68.7616

■ 17.7771, 15.0640,
68.3013

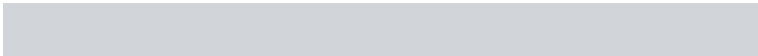
Harmonies

Analogous

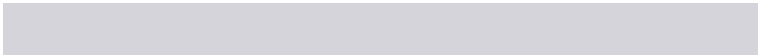
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



62.1336, 66.2058, 75.0270



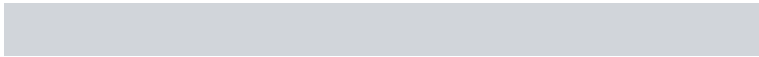
62.7436, 66.2058, 75.8017



63.4069, 66.2058, 75.5672

Triad

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



62.7436, 66.2058, 75.8017



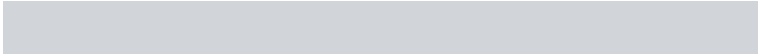
64.1304, 66.2058, 70.7235



61.9191, 66.2058, 69.8300

Complementary

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



62.7436, 66.2058, 75.8017



64.4686, 67.6011, 69.9729

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.



62.4488, 66.2058, 68.7151



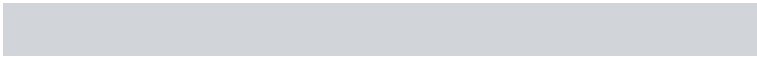
62.7436, 66.2058, 75.8017



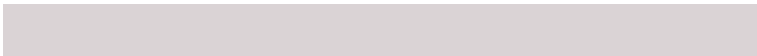
63.7264, 66.2058, 69.2245

Square

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



62.7436, 66.2058, 75.8017



64.2107, 66.2058, 72.6128



63.1100, 66.2058, 68.4954



61.6598, 66.2058, 71.5634

Rectangle

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



62.7436, 66.2058, 75.8017



63.7898, 66.2058, 74.8719



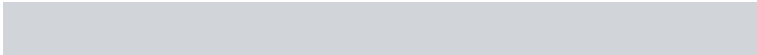
63.1100, 66.2058, 68.4954



62.0712, 66.2058, 69.3718

Sweetspot

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



62.7455, 66.2086, 75.8032



93.6681, 98.6197, 108.7064



63.4981, 68.5516, 73.4709



20.0634, 21.1232, 23.2697



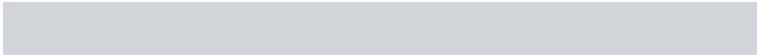
0.0000, 0.0000, 0.0000



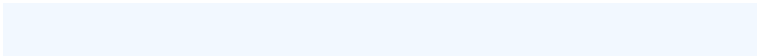
20.3446, 21.4041, 23.3091

Same Dimension

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



62.7455, 66.2086, 75.8032



88.2972, 93.2283, 107.9488



61.8783, 64.2849, 75.4775



13.5509, 14.3135, 16.7007



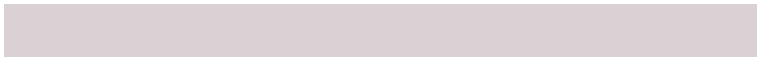
10.2452, 8.3598, 40.8120



0.7488, 0.7117, 2.6724

Inverse Universe

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



63.7256, 65.3116, 72.2019



89.9978, 91.6857, 101.6972



65.3600, 69.5834, 70.3086



13.8457, 14.0478, 15.6168



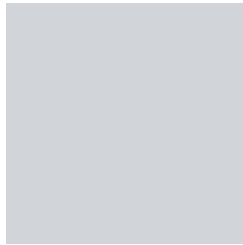
18.6666, 9.4677, 7.8904



1.2522, 0.6305, 0.7373

Previews

White Background



This preview shows how the XYZ color 62.7436, 66.2058, 75.8017 looks on a white background.

Color Contrast Check

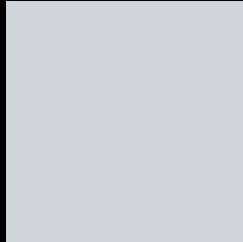
Large Text (above 18pt) WCAG AA × Fail

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 62.7436, 66.2058, 75.8017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

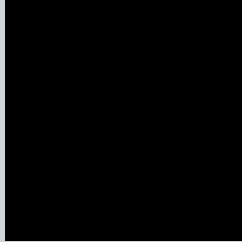
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

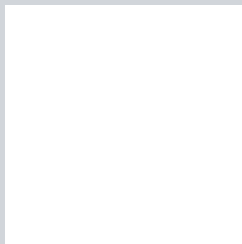
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.7436, 66.2058, 75.8017

Background



This preview shows how black text looks on a background with the XYZ color 62.7436, 66.2058, 75.8017.

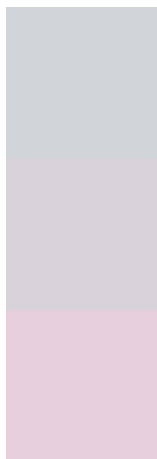


This preview shows how white text looks on a background with the XYZ color 62.7436, 66.2058,

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

62.7436, 66.2058, 75.8017

Protanopia

63.8430, 66.0454, 75.0288

Deuteranopia

67.4906, 66.0801, 76.2154



Tritanopia

64.1618, 66.0389, 82.7639

Trichromacy



Original Color

62.7436, 66.2058, 75.8017

Protanomaly

63.5084, 66.2429, 75.0845

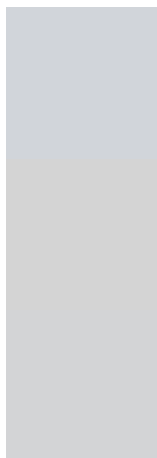
Deuteranomaly

65.7108, 66.2450, 76.3411

Tritanomaly

63.5764, 66.1704, 79.9423

Monochromacy



Original Color

62.7436, 66.2058, 75.8017

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.5451, 65.7909, 73.0208

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7436, 66.2058, 75.8017 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, 213, 218) looks like.

```
.text, #text, p{  
    color:rgb(209, 213, 218)  
}
```

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, 213, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 213, 218) }
```

Border

The CSS property to change the border of an element to XYZ 62.7436, 66.2058, 75.8017 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, 213, 218) }
```


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

```
.border{ border-color:rgb(209, 213, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 213, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 213, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 213, 218);  
box-shadow:4px 4px 4px 4px rgb(209, 213,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7436, 66.2058, 75.8017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 213, 218) }
```

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

```
.background{ background-color: rgb(209,  
213, 218) }
```

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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