

Converting Colors

XYZ(62.4754, 66.1725, 76.4374)

Have a look what the booklet for
XYZ(62.4754, 66.1725, 76.4374)
contains.

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Color

**XYZ(62.3126, 65.9684,
76.4668)**

Conversions

Conversions Part 1

Format	Color
Hex	CFD5DB
RGB	207, 213, 219
RGB Percent	81%, 84%, 86%
CMY	0.1882, 0.1647, 0.1412
CMYK	0.05, 0.03, 0.00, 0.14
HSL	210°, 14%, 84%
HSV	210°, 5%, 86%
XYZ	62.3126, 65.9684, 76.4668
YIQ	211.8900, -5.5020, 0.5940

Conversions

Conversions Part 2

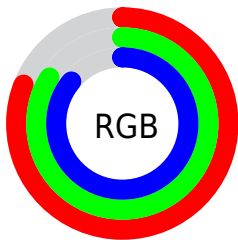
Format	Color
R _Y B	207, 211, 219
Decimal	13620699
CIE Lab	84.98, -0.90, -3.67
CIE LCh	85, 3.779, 256.212
Yxy	65.9684, 0.3043, 0.3222
Android (android.graphics.Color)	4291810779 (0xFFCFD5DB)
YUV	211.8900, 3.5052, -4.2885
Hunter-Lab	81.2209, -5.1917, 1.0351

Details

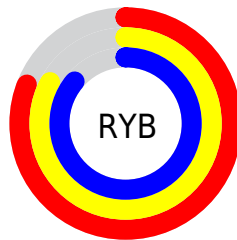
The XYZ color **62.3126, 65.9684, 76.4668** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.2704, 67.1530, 68.6070**, and the grayscale version is **62.4879, 65.7422, 71.5932**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.0646, 33.9064, 39.9766** is the 20% darker color. If you saturate the color by 10%, you get **53.9533, 57.7112, 75.3146**, and if you desaturate by 10%, it is **71.7101, 75.0403, 77.7236**.

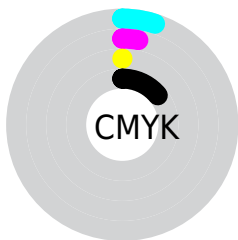
Distribution



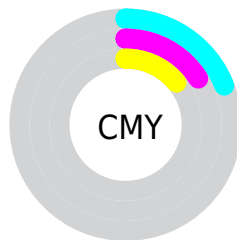
- Red (81%)
- Green (84%)
- Blue (86%)



- Red (81%)
- Yellow (83%)
- Blue (86%)



- Cyan (5%)
- Magenta (3%)
- Yellow (0%)
- Black (14%)



- Cyan (19%)
- Magenta (16%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3126, 65.9684, 76.4668 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 62.3126, 65.9684, 76.4668 by changing the saturation by 10% instead.

■ 62.3126, 65.9684,
76.4668

■ 62.3126, 65.9684,
76.4668

422.7699,
446.2639, 502.3334

■ 45.5419, 48.2468,
56.3064

107.2646,
113.4410, 130.1527

■ 32.0876, 34.0223,
40.0430

136.1766,
143.9607, 164.5152

■ 21.5843, 22.9108,
27.2580

169.8664,
179.5152, 204.4489

■ 13.6666, 14.5276,
17.5330

208.6993,
220.4890, 250.3723

■ 7.9693, 8.4885,
10.4492

253.0408,
267.2663, 302.7039

■ 4.1270, 4.4091,
5.5883

303.2561,

■ 1.7742, 1.9049,

320.2316, 361.8623

2.5317

359.7107,
379.7694, 428.2659

■ 0.5021, 0.5513,
0.8569

■ 0.0000, 0.0000,
0.0000

■ 62.3126, 65.9684,
76.4668

■ 62.3126, 65.9684,
76.4668

■ 53.9533, 57.7112,
75.3146

■ 71.7101, 75.0403,
77.7236

■ 46.5882, 50.2350,
74.2597

■ 82.1765, 84.9424,
79.0832

■ 40.1784, 43.5161,
73.3007

■ 86.9326, 92.1869,
80.2309

■ 34.6799, 37.5261,
72.4343

■ 89.7864, 97.8946,
81.1822

■ 30.0452, 32.2346,
71.6572

■ 26.2221, 27.6084,
70.9658

■ 23.1519, 23.6109,
70.3560

■ 20.7670, 20.2006,
69.8234

■ 18.9852, 17.3282,
69.3629

Harmonies

Analogous

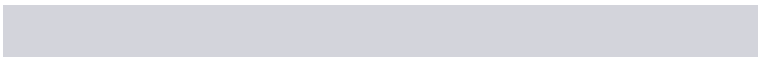
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.5777, 65.9684, 75.2577



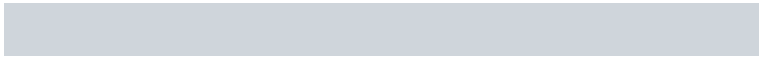
62.3126, 65.9684, 76.4668



63.1580, 65.9684, 76.4134

Triad

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



62.3126, 65.9684, 76.4668



64.2822, 65.9684, 70.5305



61.5295, 65.9684, 68.6404

Complementary

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



62.3126, 65.9684, 76.4668



64.2704, 67.1530, 68.6070

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.



62.2462, 65.9684, 67.4305



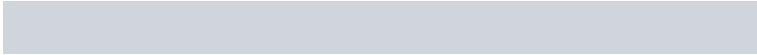
62.3126, 65.9684, 76.4668



63.8378, 65.9684, 68.5048

Square

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



62.3126, 65.9684, 76.4668



64.3003, 65.9684, 72.9488



63.0910, 65.9684, 67.3814



61.1284, 65.9684, 70.7195

Rectangle

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



62.3126, 65.9684, 76.4668



63.6707, 65.9684, 75.6682



63.0910, 65.9684, 67.3814



61.7412, 65.9684, 68.1207

Sweetspot

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



62.3145, 65.9712, 76.4683



92.3909, 97.4302, 108.5441



63.0496, 68.7235, 72.7608



19.8033, 20.8811, 23.2367



0.0000, 0.0000, 0.0000



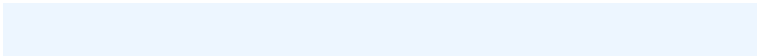
20.3446, 21.4041, 23.3091

Same Dimension

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



62.3145, 65.9712, 76.4683



86.0053, 91.2105, 107.6802



60.8807, 63.1037, 75.9903



13.2274, 14.0354, 16.6641



10.9694, 9.8083, 41.0534



0.7968, 0.8078, 2.6884

Inverse Universe

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



63.5380, 64.4912, 72.0533



88.2145, 88.5740, 99.7002



65.7563, 70.1249, 69.1023



13.5923, 13.6017, 15.3455



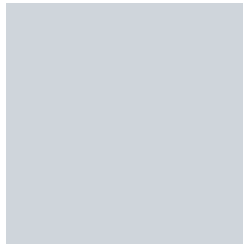
19.0322, 9.6139, 9.8155



1.2765, 0.6402, 0.8650

Previews

White Background



This preview shows how the XYZ color 62.3126, 65.9684, 76.4668 looks on a white background.

Color Contrast Check

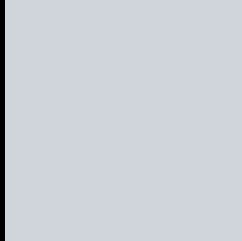
Large Text (above 18pt) WCAG AA × Fail

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 62.3126, 65.9684, 76.4668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

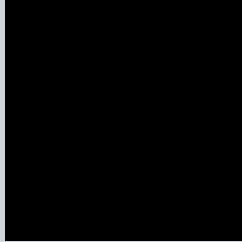
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

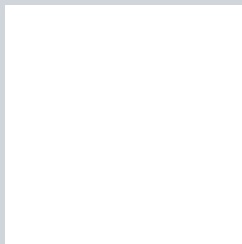
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.3126, 65.9684, 76.4668

Background



This preview shows how black text looks on a background with the XYZ color 62.3126, 65.9684, 76.4668.

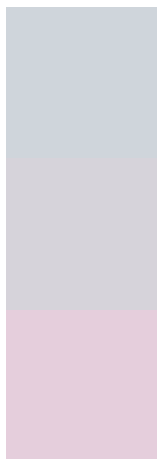


This preview shows how white text looks on a background with the XYZ color 62.3126, 65.9684,

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

62.3126, 65.9684, 76.4668

Protanopia

63.6807, 65.9466, 75.7023

Deuteranopia

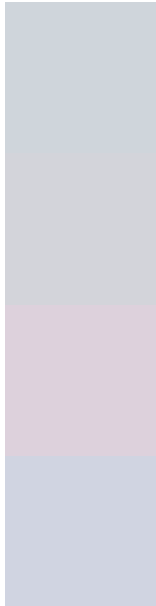
67.3027, 65.9679, 76.8960



Tritanopia

63.8416, 66.2437, 82.8203

Trichromacy



Original Color

62.3126, 65.9684, 76.4668

Protanomaly

63.0623, 65.9978, 75.7448

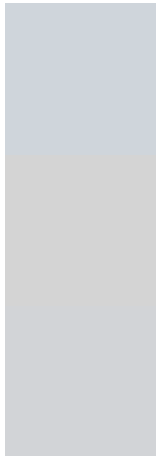
Deuteranomaly

65.5375, 66.1404, 77.0223

Tritanomaly

63.1465, 65.9331, 80.6323

Monochromacy



Original Color

62.3126, 65.9684, 76.4668

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.3876, 65.6949, 73.6822

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3126, 65.9684, 76.4668 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(207, 213, 219) looks like.

```
.text, #text, p{  
    color:rgb(207, 213, 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(207, 213, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 213, 219) }
```

Border

The CSS property to change the border of an element to XYZ 62.3126, 65.9684, 76.4668 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(207, 213, 219) }
```


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

```
.border{ border-color:rgb(207, 213, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 213, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 213, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 213, 219);  
box-shadow:4px 4px 4px 4px rgb(207, 213,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3126, 65.9684, 76.4668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 213, 219) }
```

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

```
.background{ background-color: rgb(207,  
213, 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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