

Converting Colors

XYZ(64.3095, 68.4947, 77.5415)

Have a look what the booklet for
XYZ(64.3095, 68.4947, 77.5415)
contains.

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Color

**XYZ(64.3095, 68.4947,
77.5415)**

Conversions

Conversions Part 1

Format	Color
Hex	D2D9DC
RGB	210, 217, 220
RGB Percent	82%, 85%, 86%
CMY	0.1765, 0.1490, 0.1372
CMYK	0.05, 0.01, 0.00, 0.14
HSL	198°, 13%, 84%
HSV	198°, 5%, 86%
XYZ	64.3095, 68.4947, 77.5415
YIQ	215.2490, -5.1350, -0.5510

Conversions

Conversions Part 2

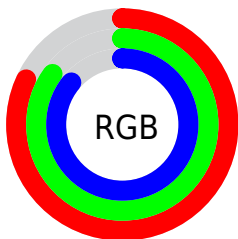
Format	Color
RYP	210, 214, 220
Decimal	13818332
CIELab	86.25, -1.80, -2.30
CIElCh	86, 2.921, 232.062
Yxy	68.4947, 0.3057, 0.3256
Android (android.graphics.Color)	4292008412 (0xFFD2D9DC)
YUV	215.2490, 2.3422, -4.6034
Hunter-Lab	82.7615, -6.1300, 2.3827

Details

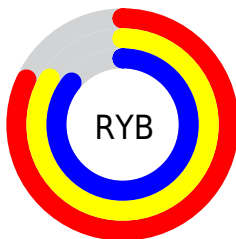
The XYZ color **64.3095, 68.4947, 77.5415** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.9425, 67.4567, 70.5715**, and the grayscale version is **64.7488, 68.1208, 74.1835**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.4222, 35.6252, 40.7121** is the 20% darker color. If you saturate the color by 10%, you get **56.8065, 62.1562, 76.7146**, and if you desaturate by 10%, it is **72.7454, 75.4187, 78.4344**.

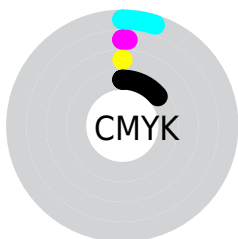
Distribution



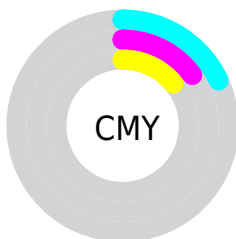
- Red (82%)
- Green (85%)
- Blue (86%)



- Red (82%)
- Yellow (84%)
- Blue (86%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (14%)



- Cyan (18%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.3095, 68.4947, 77.5415 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 64.3095, 68.4947, 77.5415 by changing the saturation by 10% instead.

■ 64.3095, 68.4947,
77.5415

■ 64.3095, 68.4947,
77.5415

429.8910,
455.2468, 506.0949

■ 47.1640, 50.3003,
57.1832

110.1278,
117.0596, 131.6836

■ 33.3738, 35.6521,
40.7420

139.5313,
148.1988, 166.3044

■ 22.5736, 24.1656,
27.7994

173.7515,
184.4218, 206.5165

■ 14.3979, 15.4565,
17.9368

213.1539,
226.1130, 252.7384

■ 8.4815, 9.1404,
10.7356

258.1036,
273.6566, 305.3887

■ 4.4589, 4.8329,
5.7774

308.9661,

■ 1.9649, 2.1495,

327.4372, 364.8858

2.6436

366.1068,
387.8391, 431.6484

■ 0.6141, 0.6923,
0.9148

■ 0.0000, 0.0000,
0.0000

■ 64.3095, 68.4947,
77.5415

■ 64.3095, 68.4947,
77.5415

■ 56.8065, 62.1562,
76.7146

■ 72.7454, 75.4187,
78.4344

■ 50.1949, 56.3750,
75.9471

■ 82.1419, 82.9379,
79.3905

■ 44.4384, 51.1330,
75.2387

■ 84.3796, 86.8696,
80.0314

■ 39.4962, 46.4080,
74.5872

■ 86.3212, 90.7528,
80.6787

■ 35.3237, 42.1759,
73.9902

■ 88.3337, 94.7779,
81.3495

■ 31.8719, 38.4100,
73.4453

■ 89.9185, 97.9474,
81.8777

■ 29.0857, 35.0807,
72.9495

■ 26.9014, 32.1540,
72.4997

■ 25.2415, 29.5883,
72.0920

Harmonies

Analogous

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



63.9098, 68.4947, 75.9804



64.3095, 68.4947, 77.5415



64.9235, 68.4947, 78.3117

Triad

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



64.3095, 68.4947, 77.5415



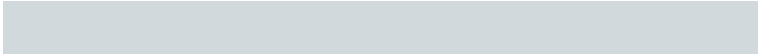
66.3927, 68.4947, 75.0922



64.6171, 68.4947, 71.1956

Complementary

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



64.3095, 68.4947, 77.5415



64.9425, 67.4567, 70.5715

Split Complementary

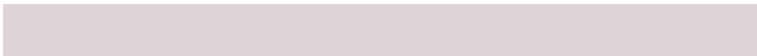
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.2811, 68.4947, 70.9670



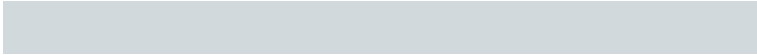
64.3095, 68.4947, 77.5415



66.3093, 68.4947, 73.1951

Square

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



64.3095, 68.4947, 77.5415



66.1285, 68.4947, 76.8818



65.9013, 68.4947, 71.6931



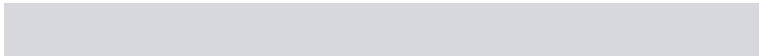
64.0865, 68.4947, 72.3228

Rectangle

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



64.3095, 68.4947, 77.5415



65.3731, 68.4947, 78.2638



65.9013, 68.4947, 71.6931



64.8320, 68.4947, 71.0119

Sweetspot

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



64.3115, 68.4976, 77.5430



93.8748, 99.0330, 108.7753



64.1617, 69.6848, 72.9098



20.1055, 21.2074, 23.2837



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

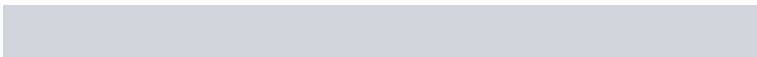
The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.3115, 68.4976, 77.5430



89.3071, 95.2481, 108.2855



63.0829, 66.0404, 77.1335



13.7258, 14.6634, 16.7590



14.4727, 16.8148, 42.2212



1.0116, 1.2374, 2.7600

Inverse Universe

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



65.0877, 66.3199, 75.0197



90.5075, 91.8895, 104.3814



66.1773, 69.9263, 70.9831



13.9340, 14.0831, 16.0818



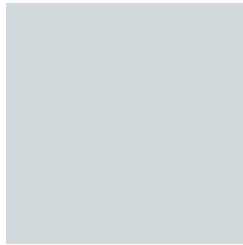
20.8005, 10.3212, 19.1272



1.3849, 0.6836, 1.4359

Previews

White Background



This preview shows how the XYZ color 64.3095, 68.4947, 77.5415 looks on a white background.

Color Contrast Check

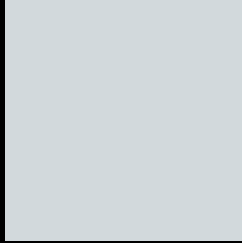
Large Text (above 18pt) WCAG AA × Fail

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 64.3095, 68.4947, 77.5415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

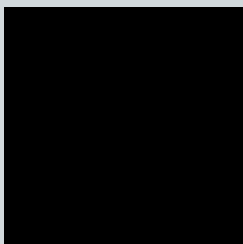
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

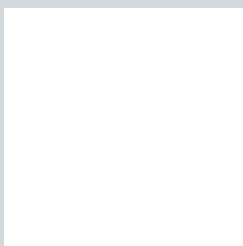
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.3095, 68.4947, 77.5415

Background



This preview shows how black text looks on a background with the XYZ color 64.3095, 68.4947, 77.5415.

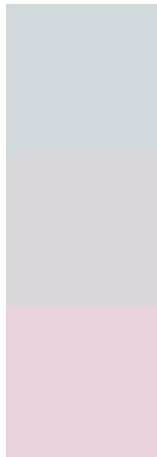


This preview shows how white text looks on a background with the XYZ color 64.3095, 68.4947,

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

64.3095, 68.4947, 77.5415

Protanopia

66.0001, 68.6208, 76.7844

Deuteranopia

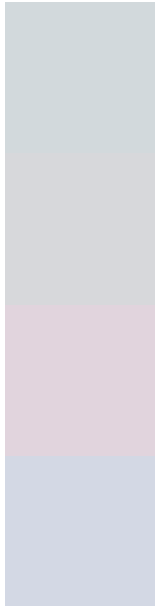
69.9170, 68.3673, 78.6184



Tritanopia

66.0173, 68.4241, 86.0716

Trichromacy



Original Color

64.3095, 68.4947, 77.5415

Protanomaly

65.3664, 68.6733, 76.8279

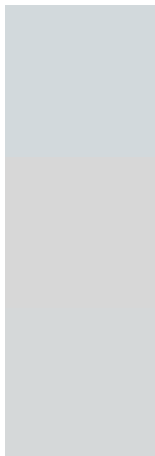
Deuteranomaly

67.6460, 68.3150, 78.0274

Tritanomaly

65.4234, 68.5621, 83.1844

Monochromacy



Original Color

64.3095, 68.4947, 77.5415

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.5208, 68.2676, 75.4220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3095, 68.4947, 77.5415 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(210, 217, 220) looks like.

```
.text, #text, p{  
    color:rgb(210, 217, 220)  
}
```

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(210, 217, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 217, 220) }
```

Border

The CSS property to change the border of an element to XYZ 64.3095, 68.4947, 77.5415 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(210, 217, 220) }
```


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

```
.border{ border-color:rgb(210, 217, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 217, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 217, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 217, 220);  
box-shadow:4px 4px 4px 4px rgb(210, 217,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3095, 68.4947, 77.5415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 217, 220) }
```

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

```
.background{ background-color: rgb(210,  
217, 220) }
```

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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