

Converting Colors

XYZ(64.0256, 68.3483, 77.5282)

Have a look what the booklet for
XYZ(64.0256, 68.3483, 77.5282)
contains.

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Color

**XYZ(64.0256, 68.3483,
77.5282)**

Conversions

Conversions Part 1

Format	Color
Hex	D1D9DC
RGB	209, 217, 220
RGB Percent	82%, 85%, 86%
CMY	0.1804, 0.1490, 0.1372
CMYK	0.05, 0.01, 0.00, 0.14
HSL	196°, 14%, 84%
HSV	196°, 5%, 86%
XYZ	64.0256, 68.3483, 77.5282
YIQ	214.9500, -5.7310, -0.7630

Conversions

Conversions Part 2

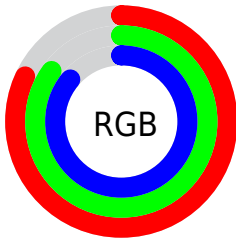
Format	Color
R _{YB}	209, 214, 220
Decimal	13752796
CIE Lab	86.18, -2.13, -2.42
CIE LCh	86, 3.223, 228.658
Yxy	68.3483, 0.3050, 0.3256
Android (android.graphics.Color)	4291942876 (0xFFD1D9DC)
YUV	214.9500, 2.4896, -5.2182
Hunter-Lab	82.6730, -6.4396, 2.2708

Details

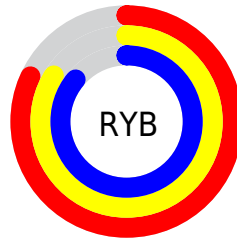
The XYZ color **64.0256, 68.3483, 77.5282** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.5675, 66.9055, 69.8336**, and the grayscale version is **64.5456, 67.9070, 73.9507**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.2294, 35.5258, 40.7031** is the 20% darker color. If you saturate the color by 10%, you get **56.7095, 62.3267, 76.7526**, and if you desaturate by 10%, it is **72.2612, 74.9310, 78.3658**.

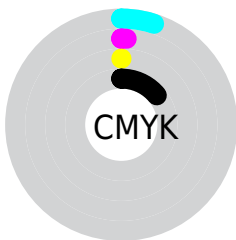
Distribution



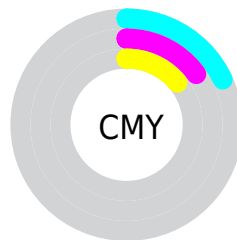
- Red (82%)
- Green (85%)
- Blue (86%)



- 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 64.0256, 68.3483, 77.5282 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 64.0256, 68.3483, 77.5282 by changing the saturation by 10% instead.

■ 64.0256, 68.3483,
77.5282

■ 64.0256, 68.3483,
77.5282

428.8828,
454.7291, 506.0485

■ 46.9332, 50.1811,
57.1723

109.7213,
116.8503, 131.6646

■ 33.1906, 35.5574,
40.7333

139.0553,
147.9539, 166.2823

■ 22.4324, 24.0925,
27.7927

173.2006,
184.1384, 206.4910

■ 14.2933, 15.4023,
17.9317

212.5224,
225.7883, 252.7092

■ 8.4080, 9.1022,
10.7321

257.3862,
273.2879, 305.3555

■ 4.4111, 4.8079,
5.7751

308.1573,

■ 1.9372, 2.1350,

327.0217, 364.8485

2.6422

365.2011,
387.3739, 431.6066

■ 0.5983, 0.6842,
0.9141

■ 0.0000, 0.0000,
0.0000

■ 64.0256, 68.3483,
77.5282

■ 64.0256, 68.3483,
77.5282

■ 56.7095, 62.3267,
76.7526

■ 72.2612, 74.9310,
78.3658

■ 50.2715, 56.8384,
76.0325

■ 81.4441, 82.0843,
79.2625

■ 44.6756, 51.8656,
75.3676

■ 83.8624, 85.8353,
79.8591

■ 39.8808, 47.3865,
74.7558

■ 85.6072, 89.3249,
80.4407

■ 35.8427, 43.3772,
74.1947

■ 87.4104, 92.9312,
81.0417

■ 32.5122, 39.8115,
73.6820

■ 89.2725, 96.6554,
81.6624

■ 29.8342, 36.6600,
73.2149

■ 89.9185, 97.9474,
81.8777

■ 27.7447, 33.8887,
72.7901

■ 26.1654, 31.4564,
72.4038

Harmonies

Analogous

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



63.6213, 68.3483, 75.7339



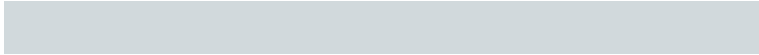
64.0256, 68.3483, 77.5282



64.6830, 68.3483, 78.4962

Triad

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



64.0256, 68.3483, 77.5282



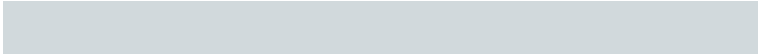
66.3712, 68.3483, 75.2257



64.5079, 68.3483, 70.6170

Complementary

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



64.0256, 68.3483, 77.5282



64.5675, 66.9055, 69.8336

Split Complementary

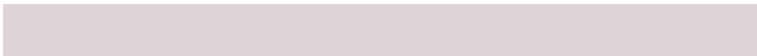
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.2439, 68.3483, 70.4868



64.0256, 68.3483, 77.5282



66.3235, 68.3483, 73.1207

Square

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



64.0256, 68.3483, 77.5282



66.0395, 68.3483, 77.1501



65.9095, 68.3483, 71.3954



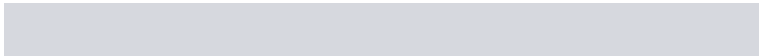
63.8982, 68.3483, 71.7545

Rectangle

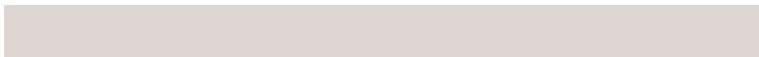
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.0256, 68.3483, 77.5282



65.1779, 68.3483, 78.5306



65.9095, 68.3483, 71.3954



64.7486, 68.3483, 70.4548

Sweetspot

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



64.0276, 68.3512, 77.5297



93.8968, 99.0771, 108.7826



63.7640, 69.4929, 72.2971



20.1100, 21.2163, 23.2852



0.0000, 0.0000, 0.0000



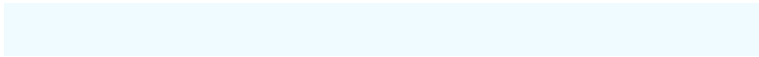
20.3446, 21.4041, 23.3091

Same Dimension

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



64.0276, 68.3512, 77.5297



88.3281, 94.5823, 108.2086



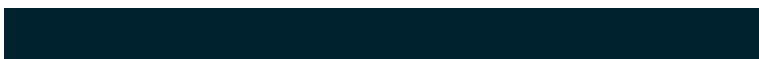
62.6491, 65.5943, 77.0702



13.5882, 14.5738, 16.7490



15.0633, 17.9960, 42.4181



1.0461, 1.3063, 2.7715

Inverse Universe

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



64.8416, 65.8276, 74.9375



89.6980, 90.3581, 103.8413



65.9496, 69.6696, 70.2943



13.8192, 13.8637, 16.0122



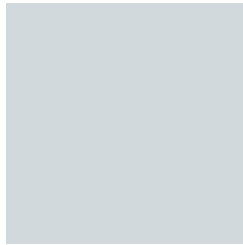
21.0986, 10.4405, 20.6970



1.4023, 0.6906, 1.5275

Previews

White Background



This preview shows how the XYZ color 64.0256, 68.3483, 77.5282 looks on a white background.

Color Contrast Check

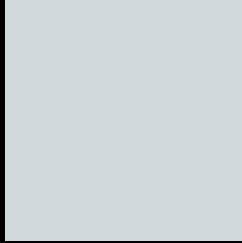
Large Text (above 18pt) WCAG AA × Fail

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 64.0256, 68.3483, 77.5282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

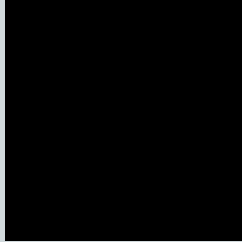
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

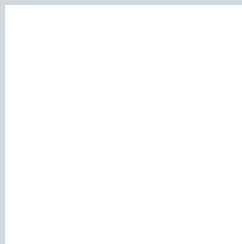
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.0256, 68.3483, 77.5282

Background



This preview shows how black text looks on a background with the XYZ color 64.0256, 68.3483, 77.5282.

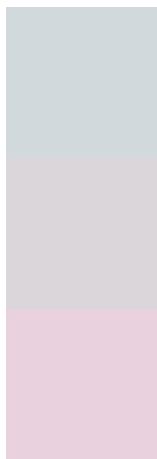


This preview shows how white text looks on a background with the XYZ color 64.0256, 68.3483,

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

64.0256, 68.3483, 77.5282

Protanopia

65.6149, 68.0605, 76.0084

Deuteranopia

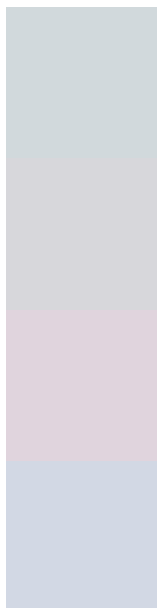
69.5896, 68.1985, 78.6031



Tritanopia

65.7299, 68.2760, 86.0582

Trichromacy



Original Color

64.0256, 68.3483, 77.5282

Protanomaly

65.1110, 68.1624, 76.7428

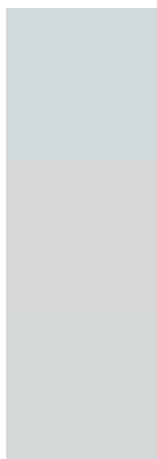
Deuteranomaly

67.3351, 68.1547, 78.0128

Tritanomaly

65.1378, 68.4148, 83.1710

Monochromacy



Original Color

64.0256, 68.3483, 77.5282

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 64.0256, 68.3483, 77.5282 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, 217, 220) looks like.

```
.text, #text, p{  
    color:rgb(209, 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(209, 217, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 217, 220) }
```

Border

The CSS property to change the border of an element to XYZ 64.0256, 68.3483, 77.5282 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, 217, 220) }
```


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

```
.border{ border-color:rgb(209, 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(209, 217, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 217, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 217, 220); box-shadow:4px 4px 4px 4px rgb(209, 217, 220) }
```

Background

The CSS property to change the background color of an element to XYZ 64.0256, 68.3483, 77.5282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 217, 220) }
```

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

```
.background{ background-color: rgb(209,  
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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