

Converting Colors

XYZ(64.0934, 69.4932, 79.8446)

Have a look what the booklet for
XYZ(64.0934, 69.4932, 79.8446)
contains.

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Color

**XYZ(64.0893, 69.4932,
79.8477)**

Conversions

Conversions Part 1

Format	Color
Hex	CDDCDF
RGB	205, 220, 223
RGB Percent	80%, 86%, 87%
CMY	0.1961, 0.1372, 0.1255
CMYK	0.08, 0.01, 0.00, 0.13
HSL	190°, 22%, 84%
HSV	190°, 8%, 87%
XYZ	64.0893, 69.4932, 79.8477
YIQ	215.8570, -9.9030, -2.2470

Conversions

Conversions Part 2

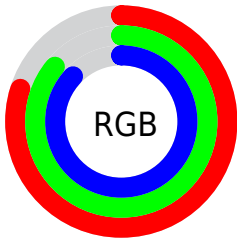
Format	Color
R _Y B	205, 213, 223
Decimal	13491423
CIE Lab	86.75, -4.43, -3.20
CIE LCh	87, 5.467, 215.890
Yxy	69.4932, 0.3003, 0.3256
Android (android.graphics.Color)	4291681503 (0xFFCDDCDF)
YUV	215.8570, 3.5215, -9.5216
Hunter-Lab	83.3626, -8.6534, 1.5637

Details

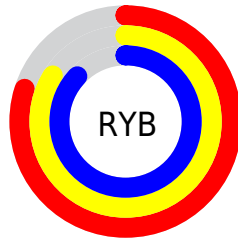
The XYZ color **64.0893, 69.4932, 79.8477** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.0071, 65.2071, 66.9715**, and the grayscale version is **65.1562, 68.5493, 74.6502**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.2855, 36.3167, 42.3013** is the 20% darker color. If you saturate the color by 10%, you get **57.4078, 64.6201, 79.2603**, and if you desaturate by 10%, it is **71.6732, 74.8674, 80.4864**.

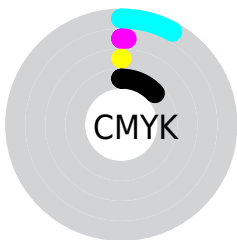
Distribution



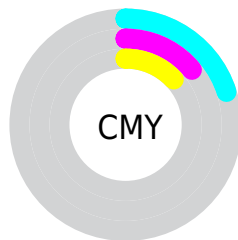
- Red (80%)
- Green (86%)
- Blue (87%)



- Red (80%)
- Yellow (84%)
- Blue (87%)



- Cyan (8%)
- Magenta (1%)
- Yellow (0%)
- Black (13%)



- Cyan (20%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.0893, 69.4932, 79.8477 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 64.0893, 69.4932, 79.8477 by changing the saturation by 10% instead.

■ 64.0893, 69.4932,
79.8477

■ 64.0893, 69.4932,
79.8477

429.1092,
458.7685, 514.1127

■ 46.9850, 51.1135,
59.0676

109.8125,
118.4857, 134.9610

■ 33.2317, 36.2989,
42.2472

139.1622,
149.8673, 170.1314

■ 22.4641, 24.6652,
28.9679

173.3243,
186.3517, 210.9355

■ 14.3168, 15.8278,
18.8111

212.6642,
228.3232, 257.7921

■ 8.4245, 9.4024,
11.3585

257.5473,
276.1662, 311.1195

■ 4.4218, 5.0045,
6.1913

308.3389,

■ 1.9434, 2.2499,

330.2652, 371.3364

2.8911

365.4044,
391.0045, 438.8613

■ 0.6019, 0.7470,
1.0393

■ 0.0000, 0.0000,
0.0000

■ 64.0893, 69.4932,
79.8477

■ 64.0893, 69.4932,
79.8477

■ 57.4078, 64.6201,
79.2603

■ 71.6732, 74.8674,
80.4864

■ 51.5857, 60.2201,
78.7179

■ 80.1883, 80.7521,
81.1735

■ 46.5853, 56.2754,
78.2200

■ 83.1754, 83.8196,
81.6081

■ 42.3638, 52.7637,
77.7647

■ 84.2264, 85.9217,
81.9585

■ 38.8743, 49.6607,
77.3497

■ 85.2997, 88.0682,
82.3162

■ 36.0650, 46.9394,
76.9725

■ 86.3952, 90.2593,
82.6814

■ 33.8767, 44.5691,
76.6303

■ 87.5132, 92.4953,
83.0541

■ 32.2403, 42.5140,
76.3199

■ 88.6538, 94.7764,
83.4342

■ 31.0570, 40.7229,
76.0365

■ 89.8171, 97.1030,
83.8220

Harmonies

Analogous

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



63.6478, 69.4932, 76.3874



64.0893, 69.4932, 79.8477



65.0570, 69.4932, 82.2422

Triad

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



64.0893, 69.4932, 79.8477



68.3091, 69.4932, 78.5641



65.8005, 69.4932, 68.9097

Complementary

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



64.0893, 69.4932, 79.8477



64.0071, 65.2071, 66.9715

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.



67.0554, 69.4932, 69.4506



64.0893, 69.4932, 79.8477



68.5143, 69.4932, 74.9497

Square

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



64.0893, 69.4932, 79.8477



67.4955, 69.4932, 81.4847



68.0527, 69.4932, 71.6335



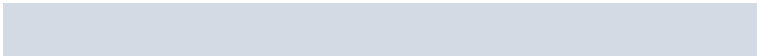
64.6276, 69.4932, 70.1317

Rectangle

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



64.0893, 69.4932, 79.8477



65.8760, 69.4932, 82.8708



68.0527, 69.4932, 71.6335



66.2267, 69.4932, 68.8919

Sweetspot

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



64.0913, 69.4961, 79.8492



92.9282, 98.5050, 108.7233



62.9139, 70.2950, 69.7347



19.9127, 21.0998, 23.2731



0.0000, 0.0000, 0.0000



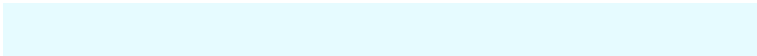
20.3446, 21.4041, 23.3091

Same Dimension

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



64.0913, 69.4961, 79.8492



84.9435, 92.8015, 108.0432



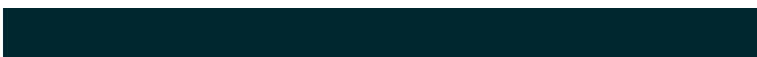
61.8661, 65.0458, 79.1075



13.9122, 15.1635, 17.5813



18.2120, 23.8935, 44.7004



1.3146, 1.7607, 3.1158

Inverse Universe

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



65.1826, 64.5193, 76.7315



86.7718, 84.5253, 102.8058



66.1876, 69.5681, 67.6983



14.1919, 13.8944, 16.7807



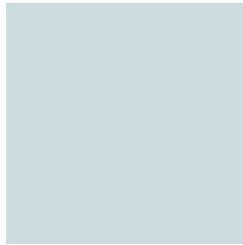
23.1328, 11.3201, 28.4286



1.6298, 0.7952, 2.1095

Previews

White Background



This preview shows how the XYZ color 64.0893, 69.4932, 79.8477 looks on a white background.

Color Contrast Check

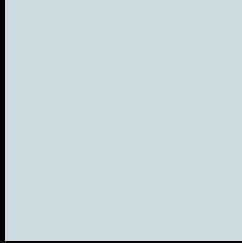
Large Text (above 18pt) WCAG AA × Fail

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 64.0893, 69.4932, 79.8477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

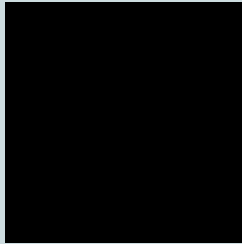
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

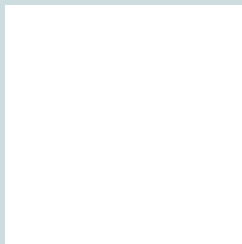
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.0893, 69.4932, 79.8477

Background



This preview shows how black text looks on a background with the XYZ color 64.0893, 69.4932, 79.8477.

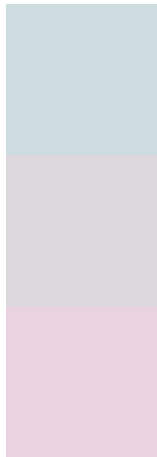


This preview shows how white text looks on a background with the XYZ color 64.0893, 69.4932,

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

64.0893, 69.4932, 79.8477

Protanopia

67.1222, 69.5478, 78.2930

Deuteranopia

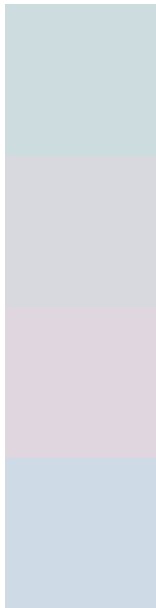
70.5689, 69.0219, 80.8373



Tritanopia

65.7989, 69.4064, 88.5261

Trichromacy



Original Color

64.0893, 69.4932, 79.8477

Protanomaly

66.0220, 69.3467, 79.0128

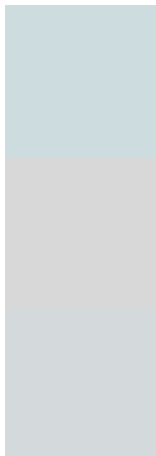
Deuteranomaly

67.9325, 69.1629, 80.2904

Tritanomaly

65.2089, 69.5544, 85.5898

Monochromacy



Original Color

64.0893, 69.4932, 79.8477

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.7504, 68.7372, 76.8727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.0893, 69.4932, 79.8477 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(205, 220, 223) looks like.

```
.text, #text, p{  
    color:rgb(205, 220, 223)  
}
```

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(205, 220, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 220, 223) }
```

Border

The CSS property to change the border of an element to XYZ 64.0893, 69.4932, 79.8477 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(205, 220, 223) }
```


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

```
.border{ border-color:rgb(205, 220, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 220, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 220, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 220, 223);  
box-shadow:4px 4px 4px 4px rgb(205, 220,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 64.0893, 69.4932, 79.8477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 220, 223) }
```

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

```
.background{ background-color: rgb(205,  
220, 223) }
```

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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