

Converting Colors

XYZ(68.4005, 72.5989, 92.8473)

Have a look what the booklet for
XYZ(68.4005, 72.5989, 92.8473)
contains.

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Color

**XYZ(68.4103, 72.6219,
92.8499)**

Conversions

Conversions Part 1

Format	Color
Hex	D1DFF0
RGB	209, 223, 240
RGB Percent	82%, 87%, 94%
CMY	0.1804, 0.1255, 0.0588
CMYK	0.13, 0.07, 0.00, 0.06
HSL	213°, 51%, 88%
HSV	213°, 13%, 94%
XYZ	68.4103, 72.6219, 92.8499
YIQ	220.7520, -13.8010, 2.3190

Conversions

Conversions Part 2

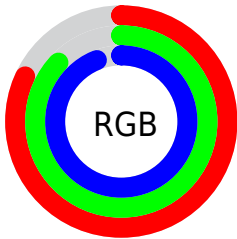
Format	Color
R _Y B	209, 219, 240
Decimal	13754352
CIE Lab	88.27, -1.34, -9.89
CIE LCh	88, 9.977, 262.293
Yxy	72.6219, 0.2925, 0.3105
Android (android.graphics.Color)	4291944432 (0xFFD1DFF0)
YUV	220.7520, 9.4893, -10.3065
Hunter-Lab	85.2185, -5.8390, -4.9466

Details

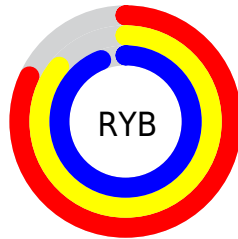
The XYZ color **68.4103, 72.6219, 92.8499** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.6405, 77.5210, 71.3520**, and the grayscale version is **68.4976, 72.0648, 78.4785**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.9808, 38.3360, 50.8506** is the 20% darker color. If you saturate the color by 10%, you get **58.7450, 62.6230, 91.4305**, and if you desaturate by 10%, it is **79.3760, 83.7007, 94.4115**.

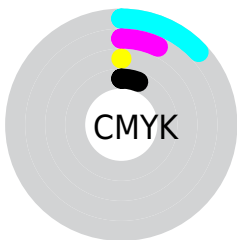
Distribution



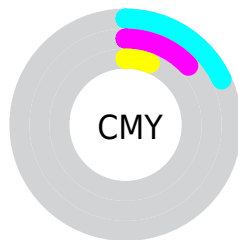
- Red (82%)
- Green (87%)
- Blue (94%)



- Red (82%)
- Yellow (86%)
- Blue (94%)



- Cyan (13%)
- Magenta (7%)
- Yellow (0%)
- Black (6%)



- Cyan (18%)
- Magenta (13%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.4103, 72.6219, 92.8499 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 68.4103, 72.6219, 92.8499 by changing the saturation by 10% instead.

■ 68.4103, 72.6219,
92.8499

■ 68.4103, 72.6219,
92.8499

444.3023,
469.7033, 558.0660

■ 50.5065, 53.6669,
69.7598

115.9776,
122.9403, 153.2607

■ 36.0355, 38.3354,
50.8551

146.3718,
155.0724, 191.4184

■ 24.6318, 26.2431,
35.7174

181.6602,
192.3657, 235.4358

■ 15.9302, 17.0056,
23.9281

222.2081,
235.2046, 285.7314

■ 9.5653, 10.2385,
15.0686

268.3810,
283.9734, 342.7236

■ 5.1718, 5.5574,
8.7204

320.5440,

■ 2.3842, 2.5778,

339.0565, 406.8311

4.4649

379.0627,
400.8383, 478.4724

■ 0.8372, 0.9155,
1.8837

■ 0.0000, 0.0000,
0.4823

■ 68.4103, 72.6219,
92.8499

■ 68.4103, 72.6219,
92.8499

■ 58.7450, 62.6230,
91.4305

■ 79.3760, 83.7007,
94.4115

■ 50.3219, 53.6591,
90.1442

■ 90.9439, 95.5025,
96.0798

■ 43.0878, 45.6951,
88.9883

■ 92.7284, 99.0714,
96.6746

■ 36.9826, 38.6902,
87.9580

■ 31.9409, 32.6004,
87.0483

■ 27.8894, 27.3772,
86.2536

■ 24.7447, 22.9664,
85.5680

■ 22.4066, 19.3046,
84.9844

■ 21.1345, 17.1036,
84.6266

Harmonies

Analogous

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



66.2514, 72.6219, 89.9526



68.4103, 72.6219, 92.8499



70.7835, 72.6219, 91.8903

Triad

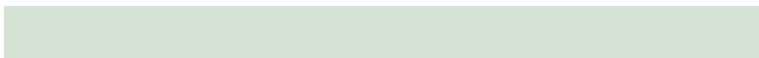
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.4103, 72.6219, 92.8499



73.3662, 72.6219, 74.1831



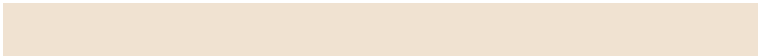
65.4516, 72.6219, 71.2910

Complementary

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



68.4103, 72.6219, 92.8499



74.6405, 77.5210, 71.3520

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.



67.2958, 72.6219, 67.5065



68.4103, 72.6219, 92.8499



71.8749, 72.6219, 69.1078

Square

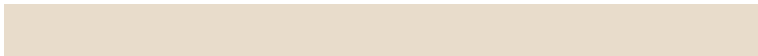
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.4103, 72.6219, 92.8499



73.6813, 72.6219, 80.8516



69.6432, 72.6219, 66.7309



64.5690, 72.6219, 77.3205

Rectangle

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



68.4103, 72.6219, 92.8499



72.1648, 72.6219, 89.2167



69.6432, 72.6219, 66.7309



65.9775, 72.6219, 69.7287

Sweetspot

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



68.4124, 72.6249, 92.8515



89.6382, 94.6001, 108.1429



71.1193, 81.3421, 83.5697



18.9744, 20.0358, 23.1172



0.0000, 0.0000, 0.0000



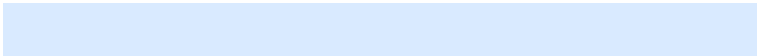
20.3446, 21.4041, 23.3091

Same Dimension

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



68.4124, 72.6249, 92.8515



76.0218, 80.7950, 106.1960



65.1178, 65.6001, 91.6692



15.4853, 16.4047, 20.0719



11.6981, 9.6204, 46.3682



1.0712, 0.9964, 3.8901

Inverse Universe

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



72.0566, 69.4554, 79.4239



80.8438, 76.6990, 88.4065



78.2553, 85.2698, 72.6571



16.0696, 15.8776, 17.9229



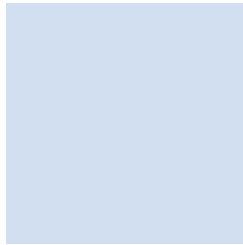
21.2303, 10.7645, 9.1292



1.8157, 0.9153, 1.0201

Previews

White Background



This preview shows how the XYZ color 68.4103, 72.6219, 92.8499 looks on a white background.

Color Contrast Check

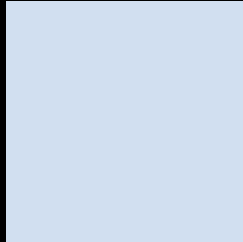
Large Text (above 18pt) WCAG AA × Fail

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 68.4103, 72.6219, 92.8499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

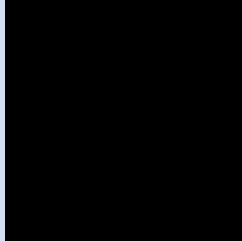
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

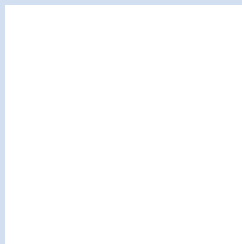
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.4103, 72.6219, 92.8499

Background



This preview shows how black text looks on a background with the XYZ color 68.4103, 72.6219, 92.8499.



This preview shows how white text looks on a background with the XYZ color 68.4103, 72.6219,

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

68.4103, 72.6219, 92.8499

Protanopia

70.5410, 72.5751, 91.1794

Deuteranopia

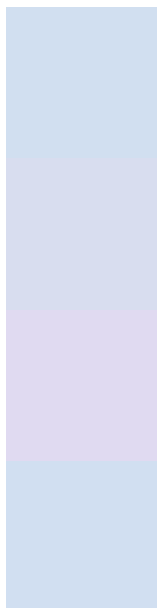
73.9317, 72.3353, 94.0699



Tritanopia

68.5594, 72.6815, 93.6346

Trichromacy



Original Color

68.4103, 72.6219, 92.8499

Protanomaly

69.7553, 72.5438, 91.9872

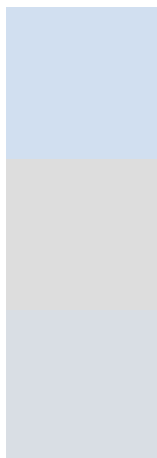
Deuteranomaly

71.6891, 72.3410, 93.4039

Tritanomaly

68.5594, 72.6815, 93.6346

Monochromacy



Original Color

68.4103, 72.6219, 92.8499

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.7401, 72.5957, 83.7882

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.4103, 72.6219, 92.8499 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, 223, 240)` looks like.

```
.text, #text, p{  
    color:rgb(209, 223, 240)  
}
```

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, 223, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 223, 240) }
```

Border

The CSS property to change the border of an element to XYZ 68.4103, 72.6219, 92.8499 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, 223, 240) }
```


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

```
.border{ border-color:rgb(209, 223, 240) }
```

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

Here you see how a box with a 4 pixel rgb(209, 223, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 223, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 223, 240);  
box-shadow:4px 4px 4px 4px rgb(209, 223,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 68.4103, 72.6219, 92.8499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 223, 240) }
```

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

```
.background{ background-color: rgb(209,  
223, 240) }
```

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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