

Converting Colors

XYZ(72.2209, 75.7980, 92.8476)

Have a look what the booklet for
XYZ(72.2209, 75.7980, 92.8476)
contains.

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Color

**XYZ(72.2915, 75.8404,
92.4898)**

Conversions

Conversions Part 1

Format	Color
Hex	DCE2EF
RGB	220, 226, 239
RGB Percent	86%, 89%, 94%
CMY	0.1372, 0.1137, 0.0627
CMYK	0.08, 0.05, 0.00, 0.06
HSL	221°, 37%, 90%
HSV	221°, 8%, 94%
XYZ	72.2915, 75.8404, 92.4898
YIQ	225.6880, -7.7490, 2.7710

Conversions

Conversions Part 2

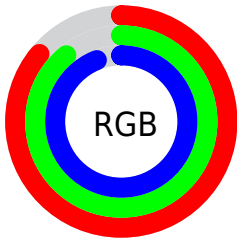
Format	Color
R _Y B	220, 225, 239
Decimal	14476015
CIE Lab	89.79, 0.44, -7.02
CIE LCh	90, 7.038, 273.560
Yxy	75.8404, 0.3004, 0.3152
Android (android.graphics.Color)	4292666095 (0xFFDCE2EF)
YUV	225.6880, 6.5628, -4.9884
Hunter-Lab	87.0864, -4.2261, -2.0083

Details

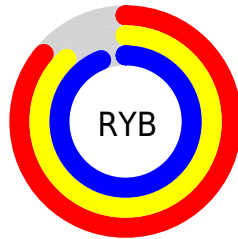
The XYZ color **72.2915, 75.8404, 92.4898** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.6539, 81.7949, 79.4065**, and the grayscale version is **72.0235, 75.7743, 82.5182**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.6272, 40.5441, 50.5897** is the 20% darker color. If you saturate the color by 10%, you get **61.3336, 63.9056, 90.7649**, and if you desaturate by 10%, it is **84.7118, 89.1624, 94.4078**.

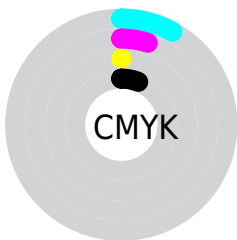
Distribution



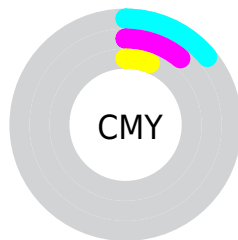
- Red (86%)
- Green (89%)
- Blue (94%)



- Red (86%)
- Yellow (88%)
- Blue (94%)



- Cyan (8%)
- Magenta (5%)
- Yellow (0%)
- Black (6%)



- Cyan (14%)
- Magenta (11%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.2915, 75.8404, 92.4898 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 72.2915, 75.8404, 92.4898 by changing the saturation by 10% instead.

■ 72.2915, 75.8404,
92.4898

■ 72.2915, 75.8404,
92.4898

457.6975,
480.8012, 556.8750

■ 53.6831, 56.3016,
69.4622

121.4794,
127.5013, 152.7576

■ 38.5781, 40.4448,
50.6141

152.7897,
160.3922, 190.8350

■ 26.6109, 27.8855,
35.5270

189.0647,
198.5026, 234.7660

■ 17.4163, 18.2394,
23.7823

230.6698,
242.2169, 284.9692

■ 10.6289, 11.1220,
14.9615

277.9702,
291.9196, 341.8632

■ 5.8833, 6.1490,
8.6461

331.3314,

■ 2.8142, 2.9359,

347.9949, 405.8664

4.4174

391.1187,
410.8273, 477.3975

■ 1.0563, 1.0983,
1.8570

■ 0.0000, 0.0000,
0.4652

■ 72.2915, 75.8404,
92.4898

■ 72.2915, 75.8404,
92.4898

■ 61.3336, 63.9056,
90.7649

■ 84.7118, 89.1624,
94.4078

■ 51.7761, 53.3024,
89.2220

■ 92.5802, 99.0121,
95.8942

■ 43.5620, 43.9851,
87.8565

■ 36.6279, 35.9019,
86.6617

■ 30.9048, 28.9970,
85.6306

■ 26.3170, 23.2101,
84.7554

■ 22.7795, 18.4744,
84.0278

■ 20.1935, 14.7147,
83.4384

■ 18.4284, 11.8374,
82.9760

Harmonies

Analogous

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



70.6081, 75.8404, 91.4354



72.2915, 75.8404, 92.4898



73.9449, 75.8404, 90.8016

Triad

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



72.2915, 75.8404, 92.4898



74.9012, 75.8404, 77.4049



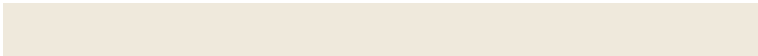
69.1366, 75.8404, 78.3939

Complementary

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



72.2915, 75.8404, 92.4898



77.6539, 81.7949, 79.4065

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.



70.2546, 75.8404, 74.8653



72.2915, 75.8404, 92.4898



73.5804, 75.8404, 74.3106

Square

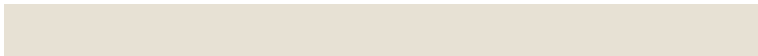
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.2915, 75.8404, 92.4898



75.4668, 75.8404, 81.9851



71.8769, 75.8404, 73.3996



68.8039, 75.8404, 83.1724

Rectangle

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



72.2915, 75.8404, 92.4898



74.8026, 75.8404, 88.3861



71.8769, 75.8404, 73.3996



69.4321, 75.8404, 77.0287

Sweetspot

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



72.2937, 75.8436, 92.4915



92.0957, 96.8399, 108.4458



75.0884, 82.8321, 89.1101



19.7433, 20.7609, 23.2166



0.0000, 0.0000, 0.0000



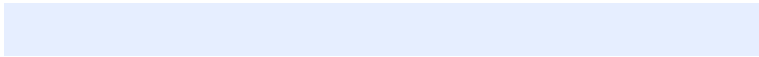
20.3446, 21.4041, 23.3091

Same Dimension

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



72.2937, 75.8436, 92.4915



80.9688, 84.8522, 106.7183



71.7549, 73.1845, 92.0066



15.3049, 16.0438, 20.0117



10.1237, 6.4716, 45.8434



0.9282, 0.7103, 3.8424

Inverse Universe

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



74.9189, 75.0295, 82.4888



84.7656, 83.7228, 92.2411



78.2177, 84.6517, 79.9282



15.9786, 15.8411, 17.4434



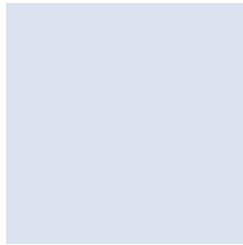
20.4356, 10.4467, 4.9444



1.7434, 0.8864, 0.6398

Previews

White Background



This preview shows how the XYZ color 72.2915, 75.8404, 92.4898 looks on a white background.

Color Contrast Check

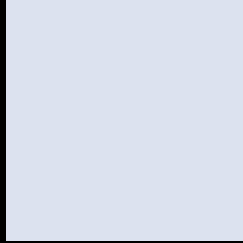
Large Text (above 18pt) WCAG AA × Fail

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 72.2915, 75.8404, 92.4898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

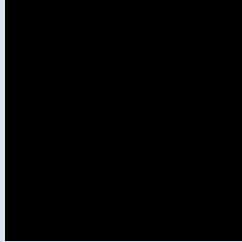
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

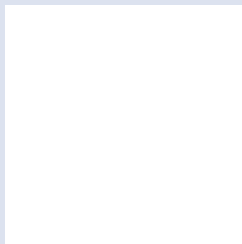
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.2915, 75.8404, 92.4898

Background



This preview shows how black text looks on a background with the XYZ color 72.2915, 75.8404, 92.4898.



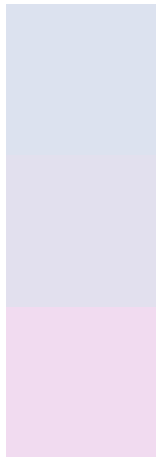
This preview shows how white text looks on a background with the XYZ color 72.2915, 75.8404,

92.4898.

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

72.2915, 75.8404, 92.4898

Protanopia

73.4523, 75.6531, 91.6201

Deuteranopia

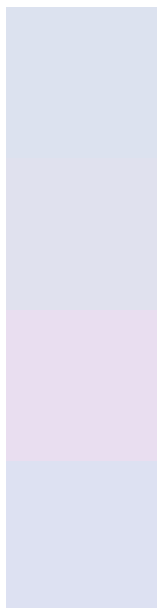
77.3353, 75.6551, 92.9650



Tritanopia

72.9217, 75.6936, 95.5610

Trichromacy



Original Color

72.2915, 75.8404, 92.4898

Protanomaly

73.0983, 75.8708, 91.6807

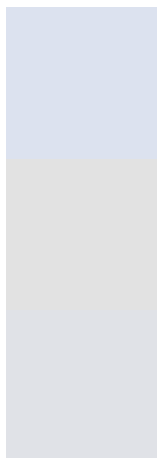
Deuteranomaly

75.4537, 75.8575, 93.1032

Tritanomaly

72.7710, 75.6334, 94.7677

Monochromacy



Original Color

72.2915, 75.8404, 92.4898

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.3606, 76.0095, 86.4588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.2915, 75.8404, 92.4898 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(220, 226, 239) looks like.

```
.text, #text, p{  
    color:rgb(220, 226, 239)  
}
```

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(220, 226, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 226, 239) }
```

Border

The CSS property to change the border of an element to XYZ 72.2915, 75.8404, 92.4898 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(220, 226, 239) }
```


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

```
.border{ border-color:rgb(220, 226, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 226, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 226, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 226, 239);  
box-shadow:4px 4px 4px 4px rgb(220, 226,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 72.2915, 75.8404, 92.4898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 226, 239) }
```

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

```
.background{ background-color: rgb(220,  
226, 239) }
```

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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