

Converting Colors

XYZ(69.6833, 74.2593, 84.7895)

Have a look what the booklet for
XYZ(69.6833, 74.2593, 84.7895)
contains.

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Color

**XYZ(69.6833, 74.2593,
84.7895)**

Conversions

Conversions Part 1

Format	Color
Hex	D9E1E5
RGB	217, 225, 229
RGB Percent	85%, 88%, 90%
CMY	0.1490, 0.1176, 0.1020
CMYK	0.05, 0.02, 0.00, 0.10
HSL	200°, 19%, 87%
HSV	200°, 5%, 90%
XYZ	69.6833, 74.2593, 84.7895
YIQ	223.0640, -6.0520, -0.4520

Conversions

Conversions Part 2

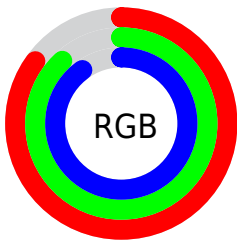
Format	Color
R _{YB}	217, 222, 229
Decimal	14279141
CIE Lab	89.04, -1.93, -2.89
CIE LCh	89, 3.475, 236.294
Yxy	74.2593, 0.3047, 0.3247
Android (android.graphics.Color)	4292469221 (0xFFD9E1E5)
YUV	223.0640, 2.9264, -5.3181
Hunter-Lab	86.1738, -6.4626, 1.9841

Details

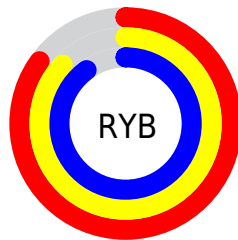
The XYZ color **69.6833, 74.2593, 84.7895** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.6940, 73.3798, 76.0844**, and the grayscale version is **70.1694, 73.8237, 80.3940**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.9150, 39.4868, 45.7205** is the 20% darker color. If you saturate the color by 10%, you get **61.3279, 66.9613, 83.8224**, and if you desaturate by 10%, it is **79.0796, 82.2347, 85.8348**.

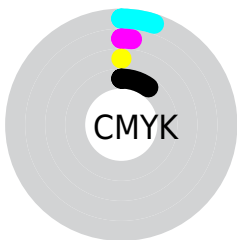
Distribution



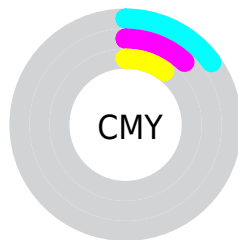
- Red (85%)
- Green (88%)
- Blue (90%)



- Red (85%)
- Yellow (87%)
- Blue (90%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (10%)



- Cyan (15%)
- Magenta (12%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.6833, 74.2593, 84.7895 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 69.6833, 74.2593, 84.7895 by changing the saturation by 10% instead.

■ 69.6833, 74.2593,
84.7895

■ 69.6833, 74.2593,
84.7895

448.7210,
475.3678, 531.0577

■ 51.5470, 55.0063,
63.1183

117.7857,
125.2633, 141.9506

■ 36.8670, 39.4068,
45.4953

148.4826,
157.7831, 178.2776

■ 25.2777, 27.0763,
31.5020

184.0971,
195.4940, 220.3269

■ 16.4139, 17.6305,
20.7197

224.9946,
238.7803, 268.5171

■ 9.9102, 10.6851,
12.7300

271.5403,
288.0264, 323.2668

■ 5.4013, 5.8555,
7.1144

324.0998,

■ 2.5217, 2.7574,

343.6168, 384.9944

3.4542

383.0382,
405.9358, 454.1185

■ 0.9062, 1.0064,
1.3310

■ 0.0000, 0.0000,
0.0870

■ 69.6833, 74.2593,
84.7895

■ 69.6833, 74.2593,
84.7895

■ 61.3279, 66.9613,
83.8224

■ 79.0796, 82.2347,
85.8348

■ 53.9671, 60.3090,
82.9263

■ 86.6191, 89.3893,
86.8184

■ 47.5606, 54.2817,
82.1006

■ 88.9148, 93.9807,
87.5836

■ 42.0625, 48.8541,
81.3427

■ 91.1431, 98.4372,
88.3264

■ 37.4231, 43.9986,
80.6500

■ 33.5875, 39.6850,
80.0196

■ 30.4940, 35.8796,
79.4481

■ 28.0708, 32.5432,
78.9318

■ 26.2303, 29.6288,
78.4663

Harmonies

Analogous

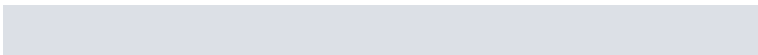
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.1344, 74.2593, 82.9349



69.6833, 74.2593, 84.7895



70.4763, 74.2593, 85.5895

Triad

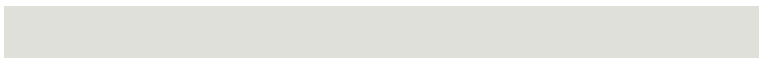
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.6833, 74.2593, 84.7895



72.2153, 74.2593, 81.1569



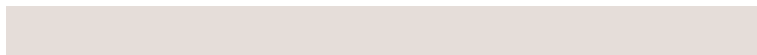
69.8638, 74.2593, 76.7547

Complementary

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



69.6833, 74.2593, 84.7895



70.6940, 73.3798, 76.0844

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.



70.6863, 74.2593, 76.2999



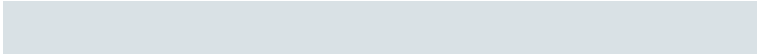
69.6833, 74.2593, 84.7895



72.0482, 74.2593, 78.8116

Square

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



69.6833, 74.2593, 84.7895



71.9417, 74.2593, 83.4660



71.4869, 74.2593, 77.0456



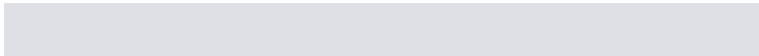
69.2380, 74.2593, 78.3005

Rectangle

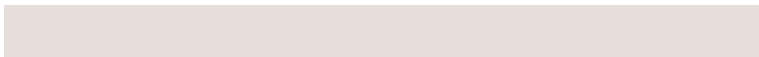
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.6833, 74.2593, 84.7895



71.0382, 74.2593, 85.4055



71.4869, 74.2593, 77.0456



70.1263, 74.2593, 76.4705

Sweetspot

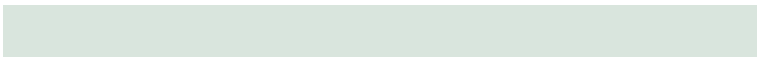
The Sweet Spot groups the original color and five complimentary colors.



69.6854, 74.2625, 84.7911



92.6591, 97.9667, 108.6335



69.6602, 76.0013, 79.2663



19.8579, 20.9903, 23.2549



0.0000, 0.0000, 0.0000



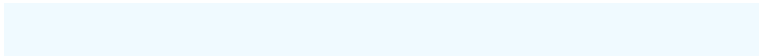
20.3446, 21.4041, 23.3091

Same Dimension

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



69.6854, 74.2625, 84.7911



88.0394, 94.0049, 108.1123



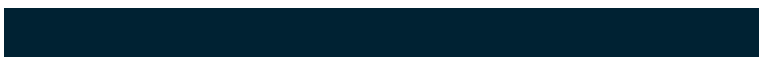
68.1429, 71.1774, 84.2770



14.9121, 15.9453, 18.4361



14.6897, 16.4414, 44.7825



1.1700, 1.3840, 3.3374

Inverse Universe

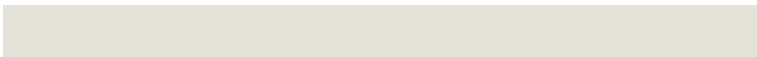
The Inverse Universe completely reimagines the original color for something new.



70.7182, 71.7213, 81.3543



89.5522, 90.2998, 103.0739



72.2530, 76.4978, 76.6041



15.1945, 15.2560, 17.4950



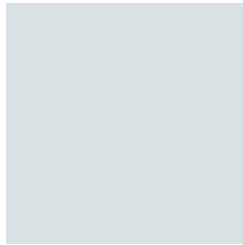
21.8082, 10.8575, 18.4166



1.6542, 0.8194, 1.5856

Previews

White Background



This preview shows how the XYZ color 69.6833, 74.2593, 84.7895 looks on a white background.

Color Contrast Check

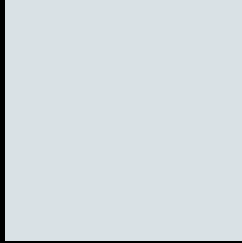
Large Text (above 18pt) WCAG AA × Fail

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 69.6833, 74.2593, 84.7895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

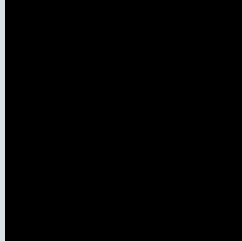
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

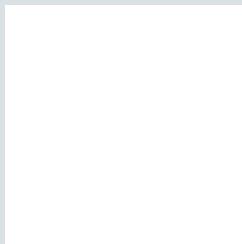
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.6833, 74.2593, 84.7895

Background



This preview shows how black text looks on a background with the XYZ color 69.6833, 74.2593, 84.7895.



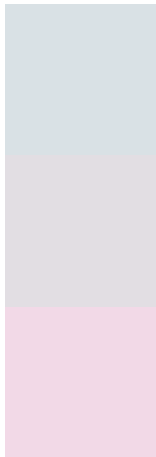
This preview shows how white text looks on a background with the XYZ color 69.6833, 74.2593,

84.7895.

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

69.6833, 74.2593, 84.7895

Protanopia

71.3504, 73.9574, 83.1877

Deuteranopia

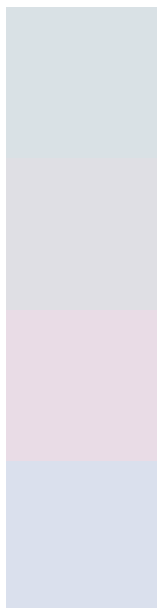
75.8546, 74.2725, 85.9394



Tritanopia

71.4783, 74.1863, 93.7712

Trichromacy



Original Color

69.6833, 74.2593, 84.7895

Protanomaly

70.8227, 74.0648, 83.9620

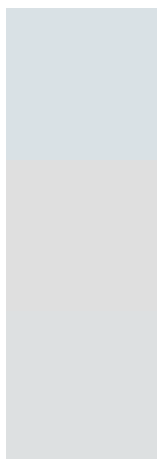
Deuteranomaly

73.4804, 74.2232, 85.3166

Tritanomaly

70.8552, 74.3312, 90.7336

Monochromacy



Original Color

69.6833, 74.2593, 84.7895

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.0651, 74.1197, 81.8479

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.6833, 74.2593, 84.7895 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(217, 225, 229) looks like.

```
.text, #text, p{  
    color:rgb(217, 225, 229)  
}
```

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(217, 225, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 225, 229) }
```

Border

The CSS property to change the border of an element to XYZ 69.6833, 74.2593, 84.7895 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(217, 225, 229) }
```


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

```
.border{ border-color:rgb(217, 225, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 225, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 225, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 225, 229); box-shadow:4px 4px 4px 4px rgb(217, 225, 229) }
```

Background

The CSS property to change the background color of an element to XYZ 69.6833, 74.2593, 84.7895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 225, 229) }
```

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

```
.background{ background-color: rgb(217,  
225, 229) }
```

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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