

Converting Colors

XYZ(69.1356, 74.8516, 85.5383)

Have a look what the booklet for
XYZ(69.1356, 74.8516, 85.5383)
contains.

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Color

**XYZ(69.1926, 74.7975,
85.6534)**

Conversions

Conversions Part 1

Format	Color
Hex	D5E3E6
RGB	213, 227, 230
RGB Percent	84%, 89%, 90%
CMY	0.1647, 0.1098, 0.0980
CMYK	0.07, 0.01, 0.00, 0.10
HSL	191°, 25%, 87%
HSV	191°, 7%, 90%
XYZ	69.1926, 74.7975, 85.6534
YIQ	223.1560, -9.3070, -2.0350

Conversions

Conversions Part 2

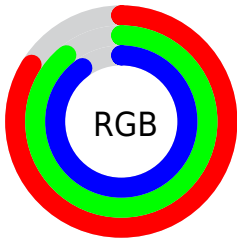
Format	Color
R _Y B	213, 221, 230
Decimal	14017510
CIE Lab	89.30, -4.08, -3.08
CIE LCh	89, 5.110, 217.021
Yxy	74.7975, 0.3013, 0.3257
Android (android.graphics.Color)	4292207590 (0xFFD5E3E6)
YUV	223.1560, 3.3741, -8.9068
Hunter-Lab	86.4855, -8.5411, 1.8204

Details

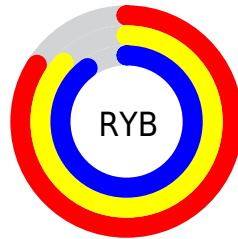
The XYZ color **69.1926, 74.7975, 85.6534** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.1995, 70.7383, 72.9587**, and the grayscale version is **70.2334, 73.8910, 80.4673**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.5909, 39.8693, 46.3244** is the 20% darker color. If you saturate the color by 10%, you get **61.8934, 69.4099, 84.9993**, and if you desaturate by 10%, it is **77.4684, 80.7314, 86.3637**.

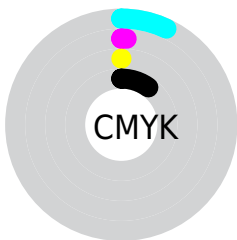
Distribution



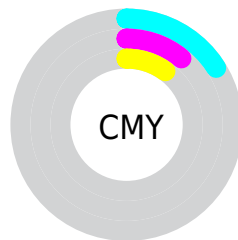
- Red (84%)
- Green (89%)
- Blue (90%)



- Red (84%)
- Yellow (87%)
- Blue (90%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (10%)



- Cyan (16%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.1926, 74.7975, 85.6534 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 69.1926, 74.7975, 85.6534 by changing the saturation by 10% instead.

■ 69.1926, 74.7975,
85.6534

■ 69.1926, 74.7975,
85.6534

447.0207,
477.2213, 533.9885

■ 51.1458, 55.4470,
63.8282

117.0892,
126.0257, 143.1680

■ 36.5462, 39.7597,
46.0662

147.6697,
158.6721, 179.6944

■ 25.0284, 27.3513,
31.9490

183.1588,
196.5194, 221.9583

■ 16.2270, 17.8372,
21.0581

223.9218,
239.9518, 270.3781

■ 9.7768, 10.8332,
12.9748

270.3242,
289.3538, 325.3726

■ 5.3124, 5.9548,
7.2807

322.7312,

■ 2.4683, 2.8176,

345.1098, 387.3601

3.5571

381.5083,
407.6042, 456.7592

■ 0.8793, 1.0373,
1.3857

■ 0.0000, 0.0000,
0.1305

■ 69.1926, 74.7975,
85.6534

■ 69.1926, 74.7975,
85.6534

■ 61.8934, 69.4099,
84.9993

■ 77.4684, 80.7314,
86.3637

■ 55.5245, 64.5383,
84.3947

■ 85.2639, 86.4548,
87.0576

■ 50.0455, 60.1637,
83.8391

■ 86.4386, 88.8042,
87.4492

■ 45.4104, 56.2621,
83.3303

■ 87.6400, 91.2069,
87.8496

■ 41.5689, 52.8074,
82.8660

■ 88.8681, 93.6633,
88.2590

■ 38.4655, 49.7705,
82.4434

■ 90.1233, 96.1735,
88.6774

■ 36.0371, 47.1187,
82.0595

■ 91.2831, 98.4933,
89.0640

■ 34.2094, 44.8136,
81.7109

■ 32.8843, 42.8041,
81.3929

Harmonies

Analogous

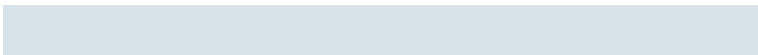
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.7359, 74.7975, 82.2853



69.1926, 74.7975, 85.6534



70.1594, 74.7975, 87.9391

Triad

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



69.1926, 74.7975, 85.6534



73.3267, 74.7975, 84.1564



70.7996, 74.7975, 74.8047

Complementary

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



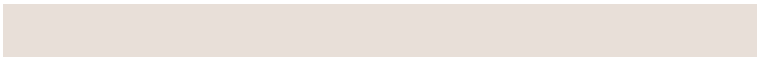
69.1926, 74.7975, 85.6534



69.1995, 70.7383, 72.9587

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.



72.0344, 74.7975, 75.2726



69.1926, 74.7975, 85.6534



73.5030, 74.7975, 80.6040

Square

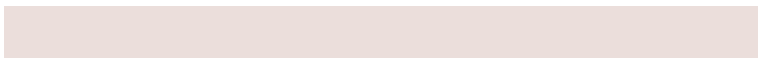
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.1926, 74.7975, 85.6534



72.5485, 74.7975, 87.0573



73.0274, 74.7975, 77.3705



69.6566, 74.7975, 76.0731

Rectangle

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



69.1926, 74.7975, 85.6534



70.9680, 74.7975, 88.5050



73.0274, 74.7975, 77.3705



71.2177, 74.7975, 74.7647

Sweetspot

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



69.1947, 74.8007, 85.6551



92.9124, 98.4733, 108.7180



68.1117, 75.6902, 75.8739



19.9095, 21.0934, 23.2720



0.0000, 0.0000, 0.0000



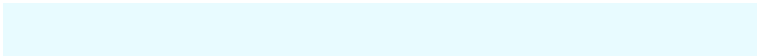
20.3446, 21.4041, 23.3091

Same Dimension

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



69.1947, 74.8007, 85.6551



85.8280, 93.3503, 108.1025



66.9693, 70.3499, 84.9133



14.5800, 15.8814, 18.4413



18.5257, 24.1136, 46.0611



1.4259, 1.8957, 3.4227

Inverse Universe

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



70.2942, 69.9590, 82.4753



87.5162, 85.9636, 103.2095



71.3899, 75.1190, 73.6888



14.8804, 14.5693, 17.5703



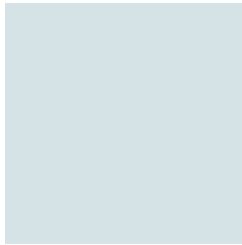
23.7444, 11.6320, 28.6129



1.7834, 0.8711, 2.2656

Previews

White Background



This preview shows how the XYZ color 69.1926, 74.7975, 85.6534 looks on a white background.

Color Contrast Check

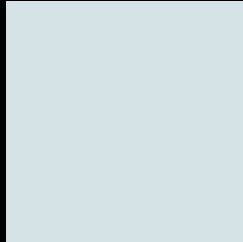
Large Text (above 18pt) WCAG AA × Fail

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 69.1926, 74.7975, 85.6534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

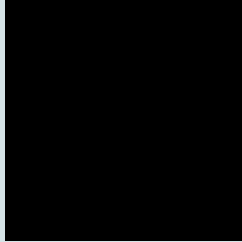
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

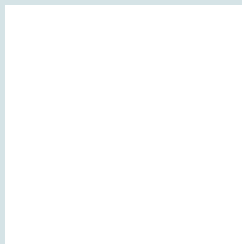
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.1926, 74.7975, 85.6534

Background



This preview shows how black text looks on a background with the XYZ color 69.1926, 74.7975, 85.6534.



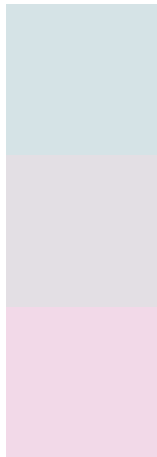
This preview shows how white text looks on a background with the XYZ color 69.1926, 74.7975,

85.6534.

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

69.1926, 74.7975, 85.6534

Protanopia

72.0698, 74.7077, 84.0203

Deuteranopia

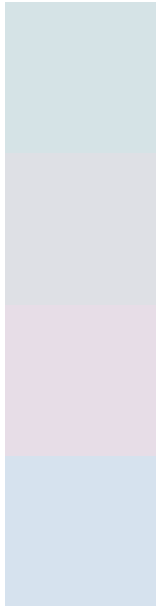
75.9963, 74.3291, 86.6855



Tritanopia

71.1272, 74.7686, 95.4770

Trichromacy



Original Color

69.1926, 74.7975, 85.6534

Protanomaly

70.9227, 74.4980, 84.7703

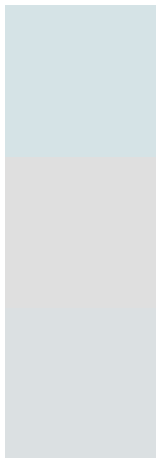
Deuteranomaly

73.2353, 74.4713, 86.1158

Tritanomaly

70.3605, 74.8619, 91.6303

Monochromacy



Original Color

69.1926, 74.7975, 85.6534

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

69.5965, 73.8624, 82.5402

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1926, 74.7975, 85.6534 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(213, 227, 230) looks like.

```
.text, #text, p{  
    color:rgb(213, 227, 230)  
}
```

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(213, 227, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 227, 230) }
```

Border

The CSS property to change the border of an element to XYZ 69.1926, 74.7975, 85.6534 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(213, 227, 230) }
```


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

```
.border{ border-color:rgb(213, 227, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 227, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 227, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 227, 230); box-shadow:4px 4px 4px 4px rgb(213, 227, 230) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1926, 74.7975, 85.6534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 227, 230) }
```

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

```
.background{ background-color: rgb(213,  
227, 230) }
```

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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