

Converting Colors

XYZ(70.0352, 75.3517, 83.5812)

Have a look what the booklet for
XYZ(70.0352, 75.3517, 83.5812)
contains.

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Color

**XYZ(69.9495, 75.2359,
83.5083)**

Conversions

Conversions Part 1

Format	Color
Hex	D9E3E3
RGB	217, 227, 227
RGB Percent	85%, 89%, 89%
CMY	0.1490, 0.1098, 0.1098
CMYK	0.04, 0.00, 0.00, 0.11
HSL	180°, 15%, 87%
HSV	180°, 4%, 89%
XYZ	69.9495, 75.2359, 83.5083
YIQ	224.0100, -5.9600, -2.1200

Conversions

Conversions Part 2

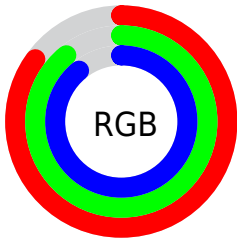
Format	Color
R _Y B	217, 222, 227
Decimal	14279651
CIE Lab	89.50, -3.33, -1.17
CIE LCh	90, 3.530, 199.334
Yxy	75.2359, 0.3059, 0.3290
Android (android.graphics.Color)	4292469731 (0xFFD9E3E3)
YUV	224.0100, 1.4741, -6.1478
Hunter-Lab	86.7386, -7.8431, 3.6351

Details

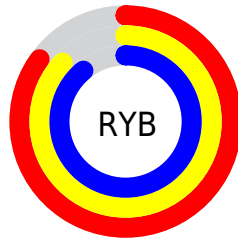
The XYZ color **69.9495, 75.2359, 83.5083** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.0186, 70.9684, 75.7099**, and the grayscale version is **70.8533, 74.5432, 81.1776**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.0992, 40.1650, 44.8270** is the 20% darker color. If you saturate the color by 10%, you get **63.6603, 71.9959, 83.2098**, and if you desaturate by 10%, it is **77.1711, 78.9608, 83.8536**.

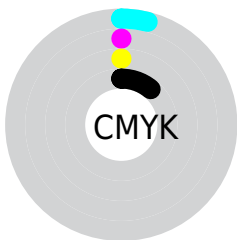
Distribution



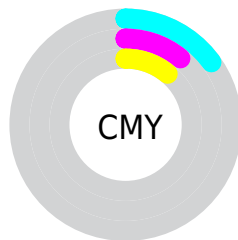
- Red (85%)
- Green (89%)
- Blue (89%)



- Red (85%)
- Yellow (87%)
- Blue (89%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (15%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.9495, 75.2359, 83.5083 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 69.9495, 75.2359, 83.5083 by changing the saturation by 10% instead.

■ 69.9495, 75.2359,
83.5083

■ 69.9495, 75.2359,
83.5083

449.6418,
478.7280, 526.6943

■ 51.7648, 55.8062,
62.0665

118.1634,
126.6462, 140.1427

■ 37.0412, 40.0475,
44.6503

148.9233,
159.3956, 176.1725

■ 25.4132, 27.5756,
30.8411

184.6057,
197.3537, 217.9020

■ 16.5155, 18.0060,
20.2205

225.5759,
240.9048, 265.7497

■ 9.9828, 10.9543,
12.3697

272.1992,
290.4334, 320.1343

■ 5.4498, 6.0361,
6.8704

324.8411,

■ 2.5509, 2.8670,

346.3239, 381.4742

3.3040

383.8669,
408.9606, 450.1880

■ 0.9210, 1.0627,
1.2519

■ 0.0000, 0.0000,
0.0218

■ 69.9495, 75.2359,
83.5083

■ 69.9495, 75.2359,
83.5083

■ 63.6603, 71.9959,
83.2098

■ 77.1711, 78.9608,
83.8536

■ 58.2594, 69.2118,
82.9513

■ 82.5780, 81.7480,
84.1124

■ 53.7088, 66.8660,
82.7326

■ 82.5791, 81.7484,
84.1182

■ 49.9651, 64.9362,
82.5516

■ 82.5802, 81.7489,
84.1240

46.9813, 63.3981,
82.4062

82.5813, 81.7493,
84.1298

44.7053, 62.2249,
82.2940

82.5824, 81.7497,
84.1356

43.0788, 61.3865,
82.2121

82.5835, 81.7502,
84.1414

42.0337, 60.8479,
82.1574

82.5846, 81.7506,
84.1472

41.4875, 60.5664,
82.1261

82.5857, 81.7511,
84.1530

Harmonies

Analogous

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



69.8853, 75.2359, 81.0395



69.9495, 75.2359, 83.5083



70.4297, 75.2359, 85.5904

Triad

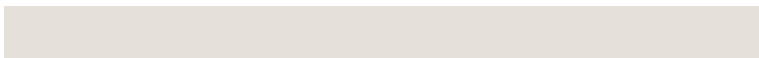
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.9495, 75.2359, 83.5083



72.7801, 75.2359, 85.0666



71.8181, 75.2359, 77.3209

Complementary

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



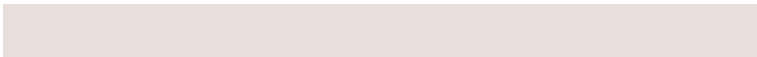
69.9495, 75.2359, 83.5083



69.0186, 70.9684, 75.7099

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.



72.6002, 75.2359, 78.3544



69.9495, 75.2359, 83.5083



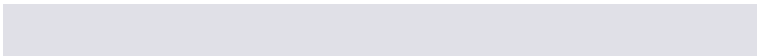
73.1586, 75.2359, 82.8051

Square

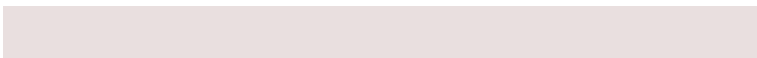
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.9495, 75.2359, 83.5083



72.0622, 75.2359, 86.5025



73.0925, 75.2359, 80.3502



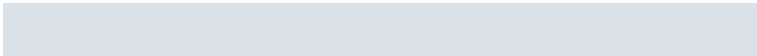
70.9595, 75.2359, 77.5005

Rectangle

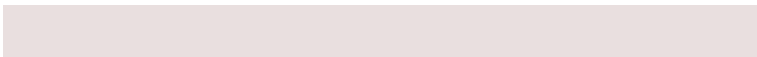
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



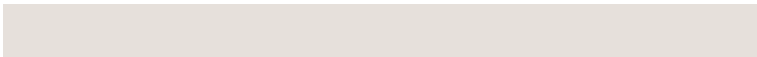
69.9495, 75.2359, 83.5083



70.9233, 75.2359, 86.4632



73.0925, 75.2359, 80.3502



72.0988, 75.2359, 77.5371

Sweetspot

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



69.9516, 75.2391, 83.5100



94.1179, 99.5195, 108.8556



68.6605, 74.7284, 76.4521



20.1549, 21.3063, 23.3001



0.0000, 0.0000, 0.0000



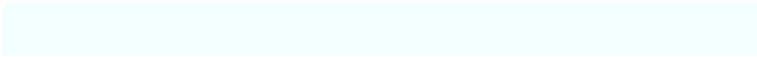
20.3446, 21.4041, 23.3091

Same Dimension

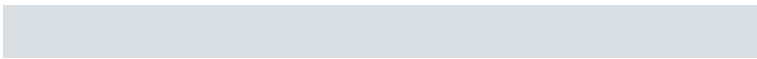
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.9516, 75.2391, 83.5100



90.5131, 97.6612, 108.6839



68.6481, 72.6313, 83.0778



15.3502, 16.6162, 18.5418



24.0999, 35.2721, 47.8880



1.7810, 2.6065, 3.5391

Inverse Universe

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



69.0186, 70.9684, 75.7099



89.1319, 91.3393, 97.1374



70.2827, 73.4974, 76.1290



15.0855, 15.4045, 16.3287



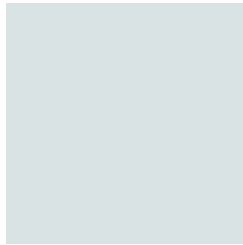
18.4754, 9.5244, 0.8664



1.3653, 0.7038, 0.0644

Previews

White Background



This preview shows how the XYZ color 69.9495, 75.2359, 83.5083 looks on a white background.

Color Contrast Check

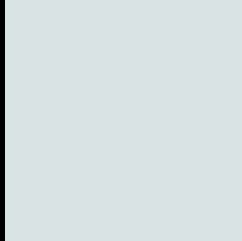
Large Text (above 18pt) WCAG AA × Fail

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 69.9495, 75.2359, 83.5083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

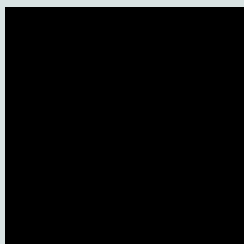
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

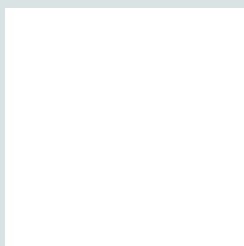
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.9495, 75.2359, 83.5083

Background



This preview shows how black text looks on a background with the XYZ color 69.9495, 75.2359, 83.5083.

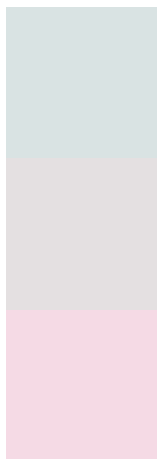


This preview shows how white text looks on a background with the XYZ color 69.9495, 75.2359,

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

69.9495, 75.2359, 83.5083

Protanopia

72.2412, 75.2415, 81.9497

Deuteranopia

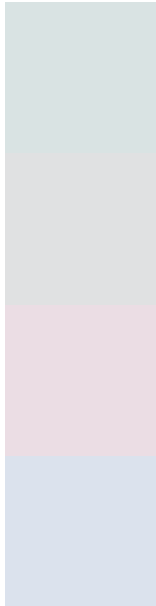
76.8704, 75.2124, 84.5947



Tritanopia

72.4674, 75.4769, 94.7535

Trichromacy



Original Color

69.9495, 75.2359, 83.5083

Protanomaly

71.3932, 75.1887, 82.7016

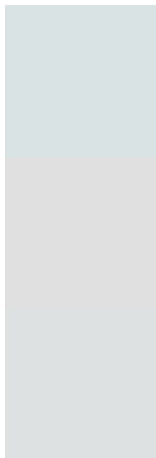
Deuteranomaly

74.1210, 74.9765, 83.9641

Tritanomaly

71.6958, 75.5672, 90.9279

Monochromacy



Original Color

69.9495, 75.2359, 83.5083

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.3346, 74.6588, 81.9377

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.9495, 75.2359, 83.5083 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, 227, 227) looks like.

```
.text, #text, p{  
    color:rgb(217, 227, 227)  
}
```

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, 227, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 227, 227) }
```

Border

The CSS property to change the border of an element to XYZ 69.9495, 75.2359, 83.5083 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, 227, 227) }
```


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

```
.border{ border-color:rgb(217, 227, 227) }
```

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

Here you see how a box with a 4 pixel rgb(217, 227, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 227, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 227, 227);  
box-shadow:4px 4px 4px 4px rgb(217, 227,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 69.9495, 75.2359, 83.5083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 227, 227) }
```

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

```
.background{ background-color: rgb(217,  
227, 227) }
```

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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