

Converting Colors

XYZ(66.0516, 69.9547, 87.1127)

Have a look what the booklet for
XYZ(66.0516, 69.9547, 87.1127)
contains.

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Color

**XYZ(66.0519, 69.9561,
87.1124)**

Conversions

Conversions Part 1

Format	Color
Hex	D0DBE9
RGB	208, 219, 233
RGB Percent	82%, 86%, 91%
CMY	0.1843, 0.1412, 0.0863
CMYK	0.11, 0.06, 0.00, 0.09
HSL	214°, 36%, 86%
HSV	214°, 11%, 91%
XYZ	66.0519, 69.9561, 87.1124
YIQ	217.3070, -11.0500, 2.0220

Conversions

Conversions Part 2

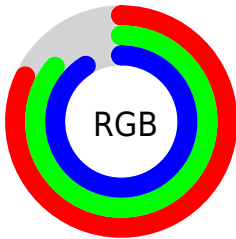
Format	Color
R _Y B	208, 216, 233
Decimal	13687785
CIE Lab	86.98, -0.98, -8.12
CIE LCh	87, 8.183, 263.124
Yxy	69.9561, 0.2960, 0.3135
Android (android.graphics.Color)	4291877865 (0xFFD0DBE9)
YUV	217.3070, 7.7366, -8.1622
Hunter-Lab	83.6398, -5.4048, -3.2038

Details

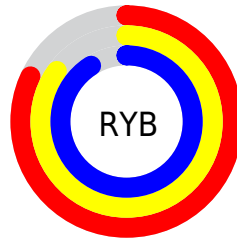
The XYZ color **66.0519, 69.9561, 87.1124** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.1111, 74.1198, 70.2344**, and the grayscale version is **66.1195, 69.5629, 75.7540**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.5377, 36.5953, 46.8382** is the 20% darker color. If you saturate the color by 10%, you get **56.7055, 60.2837, 85.7391**, and if you desaturate by 10%, it is **76.6315, 80.6639, 88.6227**.

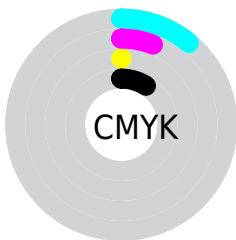
Distribution



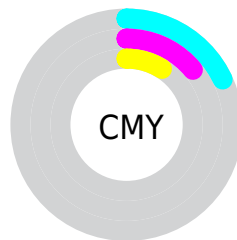
- Red (82%)
- Green (86%)
- Blue (91%)



- Red (82%)
- Yellow (85%)
- Blue (91%)



- Cyan (11%)
- Magenta (6%)
- Yellow (0%)
- Black (9%)



- Cyan (18%)
- Magenta (14%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0519, 69.9561, 87.1124 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 66.0519, 69.9561, 87.1124 by changing the saturation by 10% instead.

■ 66.0519, 69.9561,
87.1124

■ 66.0519, 69.9561,
87.1124

436.0482,
460.3958, 538.9179

■ 48.5824, 51.4907,
65.0281

112.6181,
119.1461, 145.2210

■ 34.5015, 36.5993,
47.0324

142.4456,
150.6396, 182.0824

■ 23.4438, 24.8974,
32.7067

177.1230,
187.2446, 224.7066

■ 15.0441, 16.0006,
21.6326

217.0159,
229.3455, 273.5121

■ 8.9368, 9.5246,
13.3914

262.4895,
277.3267, 328.9174

■ 4.7568, 5.0849,
7.5648

313.9091,

■ 2.1386, 2.2972,

331.5725, 391.3412

3.7340

371.6403,
392.4674, 461.2018

■ 0.7101, 0.7722,
1.4806

■ 0.0000, 0.0000,
0.2034

■ 66.0519, 69.9561,
87.1124

■ 66.0519, 69.9561,
87.1124

■ 56.7055, 60.2837,
85.7391

■ 76.6315, 80.6639,
88.6227

■ 48.5383, 51.6043,
84.4943

■ 88.4832, 92.4304,
90.2692

■ 41.5011, 43.8850,
83.3752

■ 91.7082, 98.6633,
91.3023

■ 35.5389, 37.0877,
82.3775

■ 30.5913, 31.1713,
81.4963

■ 26.5918, 26.0908,
80.7264

■ 23.4647, 21.7962,
80.0623

■ 21.1205, 18.2297,
79.4974

■ 19.5138, 15.4945,
79.0542

Harmonies

Analogous

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



64.3087, 69.9561, 84.9098



66.0519, 69.9561, 87.1124



67.9459, 69.9561, 86.2725

Triad

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



66.0519, 69.9561, 87.1124



69.9309, 69.9561, 72.1085



63.5926, 69.9561, 70.0234

Complementary

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



66.0519, 69.9561, 87.1124



71.1111, 74.1198, 70.2344

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.



65.0573, 69.9561, 66.8892



66.0519, 69.9561, 87.1124



68.7225, 69.9561, 68.0521

Square

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



66.0519, 69.9561, 87.1124



70.2095, 69.9561, 77.4381



66.9324, 69.9561, 66.1851



62.9065, 69.9561, 74.9164

Rectangle

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



66.0519, 69.9561, 87.1124



69.0369, 69.9561, 84.1188



66.9324, 69.9561, 66.1851



64.0088, 69.9561, 68.7389

Sweetspot

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



66.0540, 69.9590, 87.1140



90.9402, 95.8755, 108.3205



68.3039, 76.9495, 80.1856



19.2349, 20.2896, 23.1524



0.0000, 0.0000, 0.0000



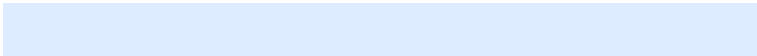
20.3446, 21.4041, 23.3091

Same Dimension

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



66.0540, 69.9590, 87.1140



78.2506, 82.9706, 106.4984



63.6304, 64.5881, 86.2050



14.7768, 15.6399, 19.1622



11.1912, 9.0295, 44.8960



0.9731, 0.8978, 3.5569

Inverse Universe

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



68.9479, 67.5513, 76.4260



82.5258, 79.5047, 90.6889



73.7229, 79.9471, 71.2215



15.3409, 15.1642, 17.0803



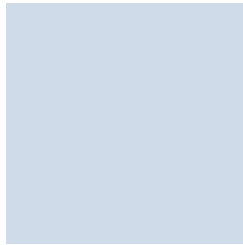
20.5041, 10.4043, 8.4560



1.6577, 0.8360, 0.9148

Previews

White Background



This preview shows how the XYZ color 66.0519, 69.9561, 87.1124 looks on a white background.

Color Contrast Check

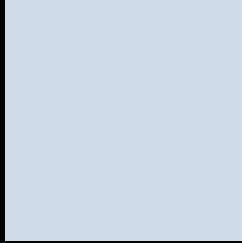
Large Text (above 18pt) WCAG AA × Fail

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 66.0519, 69.9561, 87.1124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

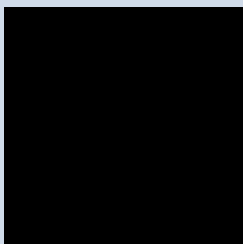
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

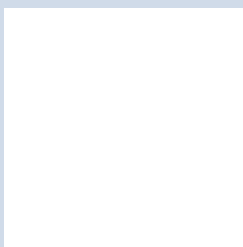
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.0519, 69.9561, 87.1124

Background



This preview shows how black text looks on a background with the XYZ color 66.0519, 69.9561, 87.1124.

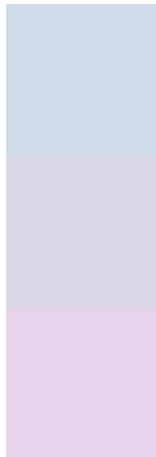


This preview shows how white text looks on a background with the XYZ color 66.0519, 69.9561,

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

66.0519, 69.9561, 87.1124

Protanopia

67.5949, 69.6330, 85.4792

Deuteranopia

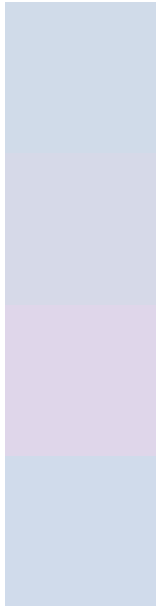
71.2447, 69.5756, 88.2717



Tritanopia

66.4843, 70.1291, 89.3890

Trichromacy



Original Color

66.0519, 69.9561, 87.1124

Protanomaly

67.1099, 69.7480, 86.2696

Deuteranomaly

69.3293, 69.7216, 87.6455

Tritanomaly

66.3393, 70.0711, 88.6259

Monochromacy



Original Color

66.0519, 69.9561, 87.1124

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.1222, 69.7667, 79.7933

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0519, 69.9561, 87.1124 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(208, 219, 233) looks like.

```
.text, #text, p{  
    color:rgb(208, 219, 233)  
}
```

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(208, 219, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 219, 233) }
```

Border

The CSS property to change the border of an element to XYZ 66.0519, 69.9561, 87.1124 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(208, 219, 233) }
```


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

```
.border{ border-color:rgb(208, 219, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 219, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 219, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 219, 233);  
box-shadow:4px 4px 4px 4px rgb(208, 219,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0519, 69.9561, 87.1124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 219, 233) }
```

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

```
.background{ background-color: rgb(208,  
219, 233) }
```

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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