

Converting Colors

XYZ(65.3093, 67.0571, 87.6483)

Have a look what the booklet for
XYZ(65.3093, 67.0571, 87.6483)
contains.

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Color

**XYZ(65.2587, 66.8764,
87.3108)**

Conversions

Conversions Part 1

Format	Color
Hex	D3D4EA
RGB	211, 212, 234
RGB Percent	83%, 83%, 92%
CMY	0.1725, 0.1686, 0.0823
CMYK	0.10, 0.09, 0.00, 0.08
HSL	237°, 35%, 87%
HSV	237°, 10%, 92%
XYZ	65.2587, 66.8764, 87.3108
YIQ	214.2090, -7.6580, 6.6300

Conversions

Conversions Part 2

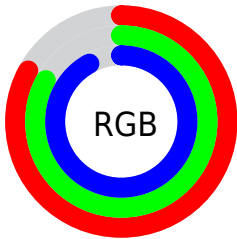
Format	Color
R _Y B	211, 212, 234
Decimal	13882602
CIE Lab	85.44, 3.85, -10.91
CIE LCh	85, 11.570, 289.446
Yxy	66.8764, 0.2974, 0.3048
Android (android.graphics.Color)	4292072682 (0xFFD3D4EA)
YUV	214.2090, 9.7570, -2.8143
Hunter-Lab	81.7780, -0.6688, -6.0568

Details

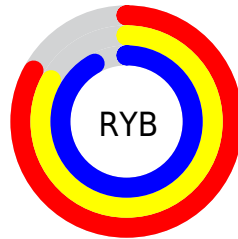
The XYZ color **65.2587, 66.8764, 87.3108** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.8286, 80.4726, 73.2180**, and the grayscale version is **63.9989, 67.3319, 73.3244**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.8032, 34.3962, 46.9770** is the 20% darker color. If you saturate the color by 10%, you get **53.8250, 53.2464, 85.2836**, and if you desaturate by 10%, it is **78.4476, 82.5659, 89.6451**.

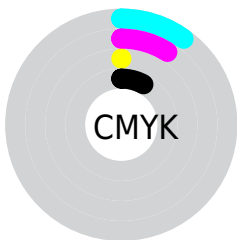
Distribution



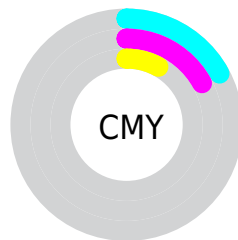
- Red (83%)
- Green (83%)
- Blue (92%)



- Red (83%)
- Yellow (83%)
- Blue (92%)



- Cyan (10%)
- Magenta (9%)
- Yellow (0%)
- Black (8%)



- Cyan (17%)
- Magenta (17%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.2587, 66.8764, 87.3108 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 65.2587, 66.8764, 87.3108 by changing the saturation by 10% instead.

■ 65.2587, 66.8764,
87.3108

■ 65.2587, 66.8764,
87.3108

433.2516,
449.5047, 539.5863

■ 47.9364, 48.9842,
65.1913

111.4853,
114.7433, 145.5000

■ 33.9875, 34.6069,
47.1639

141.1204,
145.4868, 182.4067

■ 23.0469, 23.3603,
32.8100

175.5903,
181.2828, 225.0797

■ 14.7490, 14.8597,
21.7110

215.2606,
222.5157, 273.9374

■ 8.7286, 8.7210,
13.4484

260.4965,
269.5700, 329.3984

■ 4.6203, 4.5597,
7.6037

311.6634,

■ 2.0587, 1.9913,

322.8300, 391.8812

3.7583

369.1266,
382.6801, 461.8043

■ 0.6666, 0.6024,
1.4937

■ 0.0000, 0.0000,
0.2132

■ 65.2587, 66.8764,
87.3108

■ 65.2587, 66.8764,
87.3108

■ 53.8250, 53.2464,
85.2836

■ 78.4476, 82.5659,
89.6451

■ 44.0668, 41.5823,
83.5465

■ 91.8515, 98.7206,
92.0568

■ 35.9073, 31.7960,
82.0876

■ 29.2612, 23.7894,
80.8925

■ 24.0352, 17.4554,
79.9453

■ 20.1260, 12.6755,
79.2288

■ 17.4159, 9.3154,
78.7230

■ 15.7665, 7.2184,
78.4052

■ 14.9715, 6.1732,
78.2454

Harmonies

Analogous

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



62.6443, 66.8764, 87.9670



65.2587, 66.8764, 87.3108



67.4753, 66.8764, 82.6220

Triad

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



65.2587, 66.8764, 87.3108



66.9013, 66.8764, 62.3801



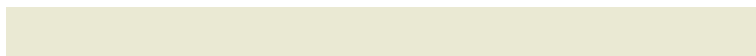
58.7316, 66.8764, 70.2023

Complementary

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



65.2587, 66.8764, 87.3108



74.8286, 80.4726, 73.2180

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.



59.8069, 66.8764, 63.8202



65.2587, 66.8764, 87.3108



64.4926, 66.8764, 59.5148

Square

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



65.2587, 66.8764, 87.3108



68.4416, 66.8764, 68.1112



61.8989, 66.8764, 60.0232



58.9239, 66.8764, 77.7347

Rectangle

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



65.2587, 66.8764, 87.3108



68.4065, 66.8764, 78.0091



61.8989, 66.8764, 60.0232



58.9556, 66.8764, 67.8606

Sweetspot

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



65.2607, 66.8792, 87.3123



90.0016, 93.9983, 108.0076



70.9744, 78.5702, 88.4043



18.9825, 19.7846, 23.0683



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.



65.2607, 66.8792, 87.3123



76.0389, 77.3799, 105.5359



68.0721, 67.9574, 87.3722



14.2839, 14.6542, 18.9980



8.4313, 3.5097, 43.9760



0.6807, 0.3128, 3.4594

Inverse Universe

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



69.1111, 68.8358, 71.9348



81.6944, 80.2630, 82.9474



71.8139, 79.3413, 73.1586



15.0921, 15.0647, 15.7703



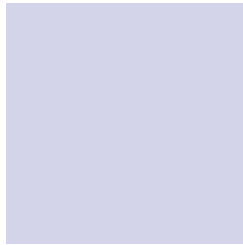
19.1111, 9.8471, 1.1202



1.5101, 0.7770, 0.1375

Previews

White Background



This preview shows how the XYZ color 65.2587, 66.8764, 87.3108 looks on a white background.

Color Contrast Check

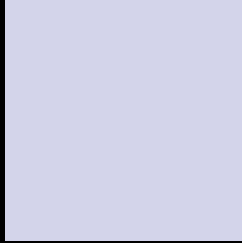
Large Text (above 18pt) WCAG AA × Fail

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 65.2587, 66.8764, 87.3108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

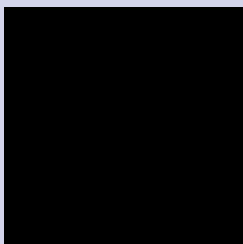
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.2587, 66.8764, 87.3108

Background



This preview shows how black text looks on a background with the XYZ color 65.2587, 66.8764, 87.3108.

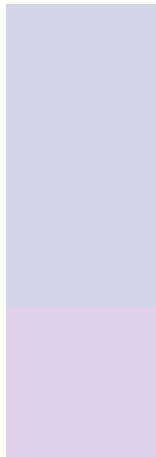


This preview shows how white text looks on a background with the XYZ color 65.2587, 66.8764,

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

65.2587, 66.8764, 87.3108

Protanopia

65.2587, 66.8764, 87.3108

Deuteranopia

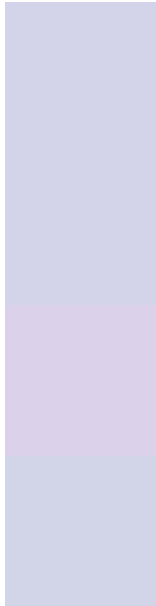
68.2917, 66.9572, 87.9219



Tritanopia

64.6555, 67.0033, 84.3881

Trichromacy



Original Color

65.2587, 66.8764, 87.3108

Protanomaly

65.2587, 66.8764, 87.3108

Deuteranomaly

67.0093, 66.6592, 87.9320

Tritanomaly

64.7964, 67.0597, 85.1300

Monochromacy



Original Color

65.2587, 66.8764, 87.3108

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.2860, 66.9551, 77.9420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2587, 66.8764, 87.3108 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(211, 212, 234)` looks like.

```
.text, #text, p{  
    color:rgb(211, 212, 234)  
}
```

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(211, 212, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 212, 234) }
```

Border

The CSS property to change the border of an element to XYZ 65.2587, 66.8764, 87.3108 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(211, 212, 234) }
```


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

```
.border{ border-color:rgb(211, 212, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 212, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 212, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 212, 234);  
box-shadow:4px 4px 4px 4px rgb(211, 212,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2587, 66.8764, 87.3108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 212, 234) }
```

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

```
.background{ background-color: rgb(211,  
212, 234) }
```

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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