

Converting Colors

XYZ(57.3433, 64.6802, 87.3041)

Have a look what the booklet for
XYZ(57.3433, 64.6802, 87.3041)
contains.

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Color

**XYZ(57.3433, 64.6802,
87.3041)**

Conversions

Conversions Part 1

Format	Color
Hex	AFD9EA
RGB	175, 217, 234
RGB Percent	69%, 85%, 92%
CMY	0.3137, 0.1490, 0.0823
CMYK	0.25, 0.07, 0.00, 0.08
HSL	197°, 58%, 80%
HSV	197°, 25%, 92%
XYZ	57.3433, 64.6802, 87.3041
YIQ	206.3800, -30.4890, -3.6170

Conversions

Conversions Part 2

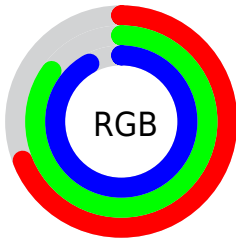
Format	Color
R _Y B	175, 200, 234
Decimal	11524586
CIE Lab	84.32, -9.92, -12.84
CIE LCh	84, 16.224, 232.322
Yxy	64.6802, 0.2739, 0.3090
Android (android.graphics.Color)	4289714666 (0xFFAFD9EA)
YUV	206.3800, 13.6167, -27.5203
Hunter-Lab	80.4240, -13.4693, -8.0653

Details

The XYZ color **57.3433, 64.6802, 87.3041** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60.5198, 58.2870, 48.6196**, and the grayscale version is **58.8407, 61.9050, 67.4145**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **28.8414, 33.1200, 46.9922** is the 20% darker color. If you saturate the color by 10%, you get **50.8377, 58.8008, 86.5132**, and if you desaturate by 10%, it is **64.8339, 71.1759, 88.1642**.

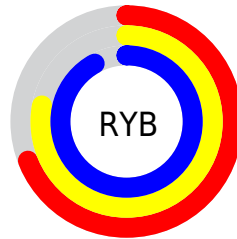
Distribution



Red (69%)

Green (85%)

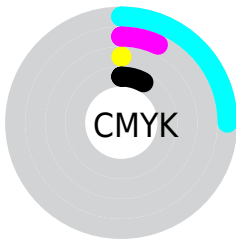
Blue (92%)



Red (69%)

Yellow (78%)

Blue (92%)

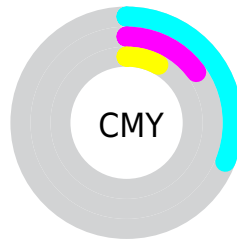


Cyan (25%)

Magenta (7%)

Yellow (0%)

Black (8%)



Cyan (31%)

Magenta (15%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3433, 64.6802, 87.3041 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 57.3433, 64.6802, 87.3041 by changing the saturation by 10% instead.

■ 57.3433, 64.6802,
87.3041

■ 57.3433, 64.6802,
87.3041

404.7279,
441.6419, 539.5638

■ 41.5221, 47.2018,
65.1858

■ 100.0944,
111.5900, 145.4905

■ 28.9168, 33.1952,
47.1595

127.7551,
141.7901, 182.3958

■ 19.1618, 22.2760,
32.8065

160.0929,
176.9997, 225.0671

■ 11.8920, 14.0599,
21.7084

197.4734,
217.6030, 273.9230

■ 6.7418, 8.1623,
13.4465

240.2617,
263.9845, 329.3821

■ 3.3461, 4.1990,
7.6024

288.8234,

■ 1.3393, 1.7855,

316.5285, 391.8629

3.7575

343.5236,
375.6195, 461.7839

■ 0.2123, 0.4781,
1.4933

■ 0.0000, 0.0000,
0.2129

■ 57.3433, 64.6802,
87.3041

■ 57.3433, 64.6802,
87.3041

■ 50.8377, 58.8008,
86.5132

■ 64.8339, 71.1759,
88.1642

■ 45.2634, 53.5041,
85.7847

■ 73.3479, 78.3042,
89.0913

■ 40.5704, 48.7646,
85.1172

■ 82.9289, 86.0904,
90.0892

■ 36.7013, 44.5515,
84.5079

■ 88.4331, 91.8838,
90.9174

■ 33.5914, 40.8300,
83.9535

■ 90.4985, 96.0147,
91.6059

■ 31.1658, 37.5602,
83.4502

■ 91.8515, 98.7206,
92.0568

■ 29.3322, 34.6931,
82.9934

■ 28.5948, 33.4272,
82.7879

Harmonies

Analogous

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



55.2949, 64.6802, 78.2242



57.3433, 64.6802, 87.3041



60.5567, 64.6802, 91.9483

Triad

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



57.3433, 64.6802, 87.3041



68.5926, 64.6802, 73.1068



58.8856, 64.6802, 53.6377

Complementary

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



57.3433, 64.6802, 87.3041



60.5198, 58.2870, 48.6196

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.



62.4057, 64.6802, 52.5547



57.3433, 64.6802, 87.3041



68.1026, 64.6802, 63.1636

Square

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



57.3433, 64.6802, 87.3041



67.1176, 64.6802, 83.2466



65.8039, 64.6802, 55.8763



56.1608, 64.6802, 58.9938

Rectangle

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



57.3433, 64.6802, 87.3041



62.9652, 64.6802, 91.6156



65.8039, 64.6802, 55.8763



60.0116, 64.6802, 52.7845

Sweetspot

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



57.3452, 64.6828, 87.3056



86.0927, 92.6415, 107.9518



56.5863, 71.7540, 60.5735



18.0868, 19.5452, 23.0693



0.0000, 0.0000, 0.0000



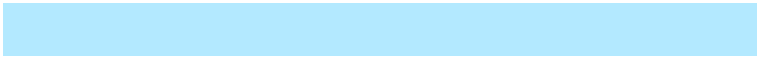
20.3446, 21.4041, 23.3091

Same Dimension

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



57.3452, 64.6828, 87.3056



65.6529, 75.0000, 105.6239



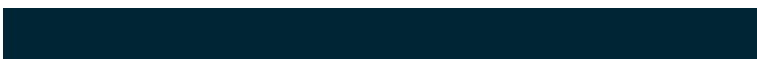
50.4687, 50.9298, 85.0134



15.1298, 16.3461, 19.2799



16.1815, 19.0101, 46.5594



1.3524, 1.6562, 3.6833

Inverse Universe

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



61.7876, 53.1636, 72.6537



71.9625, 59.1811, 84.6918



67.5844, 72.4162, 50.9744



15.5191, 15.2355, 18.0187



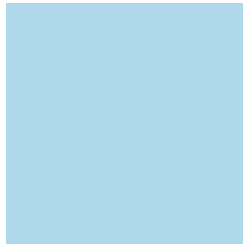
23.0230, 11.4119, 21.7202



1.8491, 0.9126, 1.9228

Previews

White Background



This preview shows how the XYZ color 57.3433, 64.6802, 87.3041 looks on a white background.

Color Contrast Check

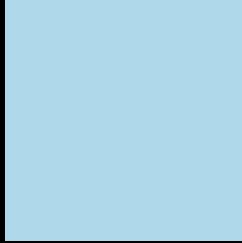
Large Text (above 18pt) WCAG AA × Fail

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 57.3433, 64.6802, 87.3041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

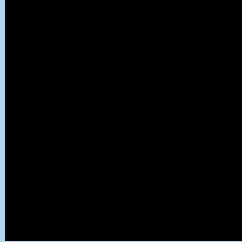
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.3433, 64.6802, 87.3041

Background



This preview shows how black text looks on a background with the XYZ color 57.3433, 64.6802, 87.3041.



This preview shows how white text looks on a background with the XYZ color 57.3433, 64.6802,

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

57.3433, 64.6802, 87.3041

Protanopia

62.7112, 64.1788, 83.2113

Deuteranopia

65.7924, 64.2056, 89.0460



Tritanopia

57.3433, 64.6802, 87.3041

Trichromacy



Original Color

57.3433, 64.6802, 87.3041

Protanomaly

60.4830, 64.0938, 84.7849

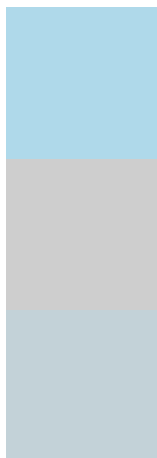
Deuteranomaly

62.2979, 64.2136, 88.4679

Tritanomaly

57.3433, 64.6802, 87.3041

Monochromacy



Original Color

57.3433, 64.6802, 87.3041

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.9469, 62.6532, 74.0049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3433, 64.6802, 87.3041 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(175, 217, 234)` looks like.

```
.text, #text, p{  
    color:rgb(175, 217, 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(175, 217, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 217, 234) }
```

Border

The CSS property to change the border of an element to XYZ 57.3433, 64.6802, 87.3041 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(175, 217, 234) }
```


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

```
.border{ border-color:rgb(175, 217, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 217, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 217, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 217, 234);  
box-shadow:4px 4px 4px 4px rgb(175, 217,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3433, 64.6802, 87.3041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 217, 234) }
```

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

```
.background{ background-color: rgb(175,  
217, 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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