

Converting Colors

XYZ(60.0659, 62.3171, 87.4608)

Have a look what the booklet for
XYZ(60.0659, 62.3171, 87.4608)
contains.

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Color

**XYZ(60.0732, 62.3596,
87.4677)**

Conversions

Conversions Part 1

Format	Color
Hex	C4CFEB
RGB	196, 207, 235
RGB Percent	77%, 81%, 92%
CMY	0.2314, 0.1882, 0.0784
CMYK	0.17, 0.12, 0.00, 0.08
HSL	223°, 49%, 85%
HSV	223°, 17%, 92%
XYZ	60.0732, 62.3596, 87.4677
YIQ	206.9030, -15.5440, 6.3760

Conversions

Conversions Part 2

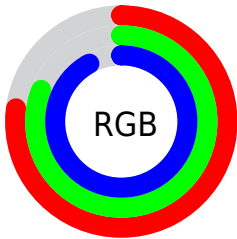
Format	Color
R _Y B	196, 205, 235
Decimal	12898283
CIE Lab	83.10, 1.92, -15.05
CIE LCh	83, 15.172, 277.265
Yxy	62.3596, 0.2862, 0.2971
Android (android.graphics.Color)	4291088363 (0xFFC4CFEB)
YUV	206.9030, 13.8518, -9.5619
Hunter-Lab	78.9681, -2.4043, -10.3939

Details

The XYZ color **60.0732, 62.3596, 87.4677** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **70.8809, 74.9589, 62.9587**, and the grayscale version is **59.1681, 62.2495, 67.7897**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **30.6832, 31.7879, 47.1663** is the 20% darker color. If you saturate the color by 10%, you get **50.5618, 51.7109, 85.9146**, and if you desaturate by 10%, it is **70.9825, 74.3805, 89.2140**.

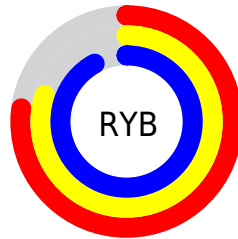
Distribution



Red (77%)

Green (81%)

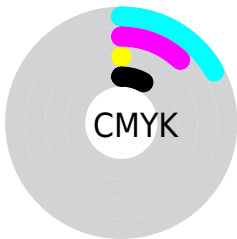
Blue (92%)



Red (77%)

Yellow (80%)

Blue (92%)

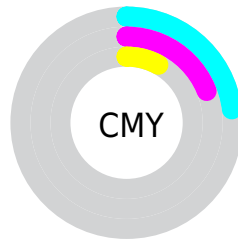


Cyan (17%)

Magenta (12%)

Yellow (0%)

Black (8%)



Cyan (23%)

Magenta (19%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0732, 62.3596, 87.4677 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 60.0732, 62.3596, 87.4677 by changing the saturation by 10% instead.

■ 60.0732, 62.3596,
87.4677

■ 60.0732, 62.3596,
87.4677

414.6979,
433.2416, 540.1146

■ 43.7273, 45.3233,
65.3205

104.0416,
108.2451, 145.7205

■ 30.6532, 31.7122,
47.2680

132.3948,
137.8631, 182.6631

■ 20.4854, 21.1418,
32.8917

165.4812,
172.4438, 225.3746

■ 12.8587, 13.2277,
21.7731

203.6661,
212.3716, 274.2736

■ 7.4076, 7.5855,
13.4935

247.3149,
258.0309, 329.7785

■ 3.7669, 3.8309,
7.6346

296.7929,

■ 1.5711, 1.5794,

309.8060, 392.3080

3.7776

352.4654,
368.0815, 462.2805

■ 0.3735, 0.3437,
1.5042

■ 0.0000, 0.0000,
0.2210

■ 60.0732, 62.3596,
87.4677

■ 60.0732, 62.3596,
87.4677

■ 50.5618, 51.7109,
85.9146

■ 70.9825, 74.3805,
89.2140

■ 42.3846, 42.3764,
84.5438

■ 83.3386, 87.8133,
91.1555

■ 35.4811, 34.3052,
83.3498

■ 91.9956, 98.7782,
92.8157

■ 29.7838, 27.4402,
82.3250

■ 25.2187, 21.7191,
81.4613

■ 21.7028, 17.0737,
80.7500

■ 19.1409, 13.4275,
80.1812

■ 17.4158, 10.6899,
79.7437

■ 16.9612, 9.9295,
79.6209

Harmonies

Analogous

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



56.8635, 62.3596, 85.9843



60.0732, 62.3596, 87.4677



63.1778, 62.3596, 83.3347

Triad

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



60.0732, 62.3596, 87.4677



64.4405, 62.3596, 57.5254



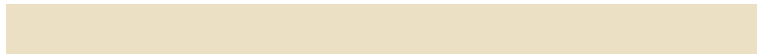
53.6348, 62.3596, 61.1461

Complementary

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



60.0732, 62.3596, 87.4677



70.8809, 74.9589, 62.9587

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.



55.5285, 62.3596, 54.4977



60.0732, 62.3596, 87.4677



61.7453, 62.3596, 52.5460

Square

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



60.0732, 62.3596, 87.4677



65.7591, 62.3596, 65.6372



58.4758, 62.3596, 51.4910



53.2243, 62.3596, 70.2121

Rectangle

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



60.0732, 62.3596, 87.4677



64.7437, 62.3596, 78.1568



58.4758, 62.3596, 51.4910



54.1156, 62.3596, 58.5805

Sweetspot

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



60.0751, 62.3622, 87.4691



87.6631, 91.9600, 107.7375



65.9223, 76.5327, 81.7845



18.5489, 19.4488, 23.0263



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.



60.0751, 62.3622, 87.4691



68.1239, 70.4016, 104.6061



59.7620, 58.3805, 86.7171



14.5772, 15.2408, 19.0957



9.5328, 5.7126, 44.3432



0.8277, 0.6068, 3.5084

Inverse Universe

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



65.2649, 61.6485, 67.4939



75.5386, 69.5280, 76.0350



71.2101, 79.6611, 63.8489



15.2401, 15.1239, 16.5499



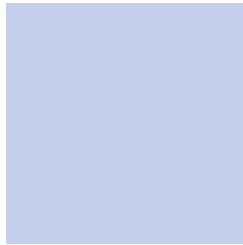
19.6670, 10.0695, 4.0479



1.5843, 0.8067, 0.5282

Previews

White Background



This preview shows how the XYZ color 60.0732, 62.3596, 87.4677 looks on a white background.

Color Contrast Check

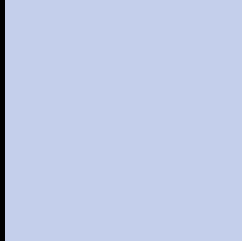
Large Text (above 18pt) WCAG AA × Fail

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 60.0732, 62.3596, 87.4677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

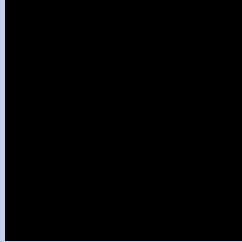
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.0732, 62.3596, 87.4677

Background



This preview shows how black text looks on a background with the XYZ color 60.0732, 62.3596, 87.4677.



This preview shows how white text looks on a background with the XYZ color 60.0732, 62.3596,

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

60.0732, 62.3596, 87.4677

Protanopia

61.0397, 62.1597, 86.6228

Deuteranopia

63.7014, 62.4433, 88.0522



Tritanopia

58.6392, 62.5065, 80.2085

Trichromacy



Original Color

60.0732, 62.3596, 87.4677

Protanomaly

60.7420, 62.3625, 86.6776

Deuteranomaly

62.4653, 62.5073, 88.1297

Tritanomaly

59.2044, 62.3710, 83.0471

Monochromacy



Original Color

60.0732, 62.3596, 87.4677

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.4658, 62.3319, 74.5427

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0732, 62.3596, 87.4677 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(196, 207, 235)` looks like.

```
.text, #text, p{  
    color:rgb(196, 207, 235)  
}
```

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(196, 207, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 207, 235) }
```

Border

The CSS property to change the border of an element to XYZ 60.0732, 62.3596, 87.4677 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(196, 207, 235) }
```


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

```
.border{ border-color:rgb(196, 207, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 207, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 207, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 207, 235);  
box-shadow:4px 4px 4px 4px rgb(196, 207,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0732, 62.3596, 87.4677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 207, 235) }
```

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

```
.background{ background-color: rgb(196,  
207, 235) }
```

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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