

Converting Colors

XYZ(60.6550, 68.6891, 82.2506)

Have a look what the booklet for
XYZ(60.6550, 68.6891, 82.2506)
contains.

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Color

**XYZ(60.6087, 68.8311,
82.0428)**

Conversions

Conversions Part 1

Format	Color
Hex	BBDFE2
RGB	187, 223, 226
RGB Percent	73%, 87%, 89%
CMY	0.2667, 0.1255, 0.1137
CMYK	0.17, 0.01, 0.00, 0.11
HSL	185°, 40%, 81%
HSV	185°, 17%, 89%
XYZ	60.6087, 68.8311, 82.0428
YIQ	212.5780, -22.4190, -6.6990

Conversions

Conversions Part 2

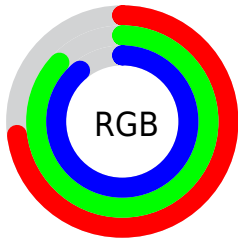
Format	Color
R _{YB}	187, 206, 226
Decimal	12312546
CIE _{Lab}	86.42, -11.10, -5.41
CIE _{LCh}	86, 12.350, 205.965
Y _{xy}	68.8311, 0.2866, 0.3255
Android (android.graphics.Color)	4290502626 (0xFFBBDFE2)
YUV	212.5780, 6.6170, -22.4319
Hunter-Lab	82.9645, -14.7869, -0.5561

Details

The XYZ color **60.6087, 68.8311, 82.0428** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.7478, 56.5837, 54.8406**, and the grayscale version is **62.9337, 66.2111, 72.1039**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **31.0262, 35.9321, 43.8284** is the 20% darker color. If you saturate the color by 10%, you get **55.0479, 65.2808, 81.6517**, and if you desaturate by 10%, it is **67.0484, 72.8451, 82.4793**.

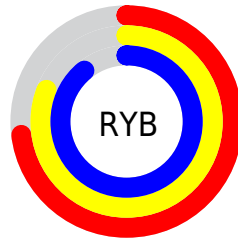
Distribution



Red (73%)

Green (87%)

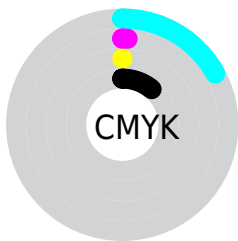
Blue (89%)



Red (73%)

Yellow (81%)

Blue (89%)

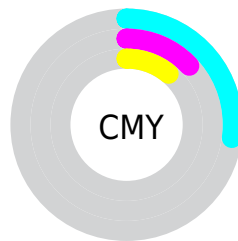


Cyan (17%)

Magenta (1%)

Yellow (0%)

Black (11%)



Cyan (27%)

Magenta (13%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.6087, 68.8311, 82.0428 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 60.6087, 68.8311, 82.0428 by changing the saturation by 10% instead.

60.6087, 68.8311,
82.0428

60.6087, 68.8311,
82.0428

416.6367,
456.4350, 521.6781

44.1608, 50.5742,
60.8648

104.8135,
117.5403, 138.0712

30.9954, 35.8698,
43.6862

133.3011,
148.7614, 173.7588

20.7471, 24.3337,
30.0885

166.5326,
185.0726, 215.1199

13.0507, 15.5813,
19.6532

204.8734,
226.8584, 262.5731

7.5407, 9.2284,
11.9616

248.6889,
274.5031, 316.5370

3.8518, 4.8904,
6.5953

298.3443,

1.6186, 2.1831,

328.3912, 377.4301

3.1357

354.2051,
388.9071, 445.6709

■ 0.4045, 0.7108,
1.1644

■ 0.0000, 0.0000,
0.0000

■ 60.6087, 68.8311,
82.0428

■ 60.6087, 68.8311,
82.0428

■ 55.0479, 65.2808,
81.6517

■ 67.0484, 72.8451,
82.4793

■ 50.3194, 62.1649,
81.2995

■ 74.3988, 77.3339,
82.9583

■ 46.3812, 59.4634,
80.9856

■ 82.6978, 82.3189,
83.4831

■ 43.1857, 57.1517,
80.7079

■ 83.2510, 83.3178,
83.6467

■ 40.6796, 55.2025,
80.4637

■ 83.7367, 84.2891,
83.8086

■ 38.8029, 53.5847,
80.2503

■ 84.2271, 85.2700,
83.9721

■ 37.4850, 52.2619,
80.0645

■ 84.7224, 86.2606,
84.1372

■ 36.6328, 51.1860,
79.9017

■ 85.2226, 87.2609,
84.3039

■ 36.4383, 50.9123,
79.8592

■ 85.7276, 88.2710,
84.4723

Harmonies

Analogous

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



60.0964, 68.8311, 73.8443



60.6087, 68.8311, 82.0428



62.3967, 68.8311, 88.7459

Triad

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



60.6087, 68.8311, 82.0428



70.0782, 68.8311, 84.0953



65.8090, 68.8311, 60.3288

Complementary

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



60.6087, 68.8311, 82.0428



58.7478, 56.5837, 54.8406

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.



68.5433, 68.8311, 62.6553



60.6087, 68.8311, 82.0428



71.0531, 68.8311, 76.0573

Square

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



60.6087, 68.8311, 82.0428



67.8553, 68.8311, 89.9901



70.4834, 68.8311, 68.2695



63.0474, 68.8311, 61.6784

Rectangle

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



60.6087, 68.8311, 82.0428



64.0994, 68.8311, 91.2588



70.4834, 68.8311, 68.2695



66.7625, 68.8311, 60.7020

Sweetspot

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



60.6107, 68.8339, 82.0443



90.2020, 97.0379, 108.5838



56.9418, 68.6590, 58.7391



19.1664, 20.6838, 23.2321



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.



60.6107, 68.8339, 82.0443



76.7197, 88.6223, 107.6700



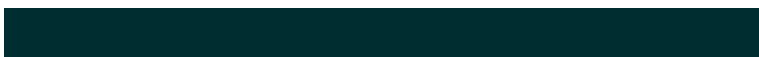
55.7914, 59.1954, 80.4379



14.0217, 15.3826, 17.6178



20.8274, 29.1245, 45.5722



1.4708, 2.0731, 3.1679

Inverse Universe

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



62.4553, 57.0387, 77.5330



79.6261, 70.2012, 100.5250



63.1599, 65.4080, 56.3113



14.2472, 13.9165, 17.0719



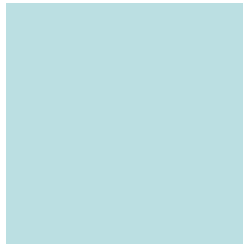
24.4529, 11.8482, 35.3805



1.7087, 0.8267, 2.5246

Previews

White Background



This preview shows how the XYZ color 60.6087, 68.8311, 82.0428 looks on a white background.

Color Contrast Check

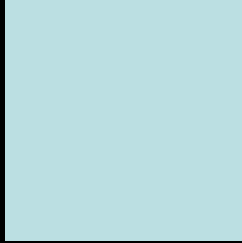
Large Text (above 18pt) WCAG AA × Fail

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 60.6087, 68.8311, 82.0428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

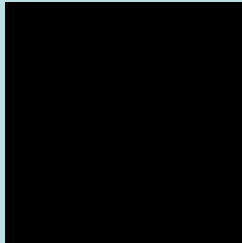
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

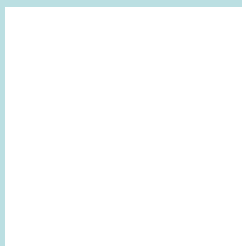
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.6087, 68.8311, 82.0428

Background



This preview shows how black text looks on a background with the XYZ color 60.6087, 68.8311, 82.0428.



This preview shows how white text looks on a background with the XYZ color 60.6087, 68.8311,

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

60.6087, 68.8311, 82.0428

Protanopia

66.2650, 68.7268, 78.1797

Deuteranopia

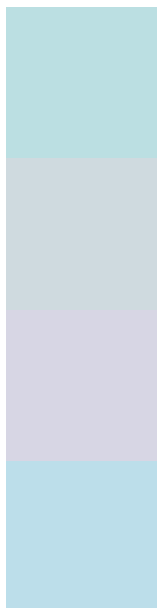
69.8983, 68.2470, 83.6177



Tritanopia

62.4227, 68.7637, 91.6441

Trichromacy



Original Color

60.6087, 68.8311, 82.0428

Protanomaly

64.1228, 68.7359, 79.6998

Deuteranomaly

66.0745, 68.1416, 83.0689

Tritanomaly

61.7116, 68.8744, 87.8834

Monochromacy



Original Color

60.6087, 68.8311, 82.0428

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.3696, 67.5250, 76.0761

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6087, 68.8311, 82.0428 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(187, 223, 226)` looks like.

```
.text, #text, p{  
    color:rgb(187, 223, 226)  
}
```

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(187, 223, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 223, 226) }
```

Border

The CSS property to change the border of an element to XYZ 60.6087, 68.8311, 82.0428 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(187, 223, 226) }
```


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

```
.border{ border-color:rgb(187, 223, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 223, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 223, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 223, 226);  
box-shadow:4px 4px 4px 4px rgb(187, 223,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6087, 68.8311, 82.0428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 223, 226) }
```

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

```
.background{ background-color: rgb(187,  
223, 226) }
```

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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