

Converting Colors

XYZ(60.2859, 68.9625, 88.0891)

Have a look what the booklet for
XYZ(60.2859, 68.9625, 88.0891)
contains.

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Color

**XYZ(60.3293, 68.9551,
87.9719)**

Conversions

Conversions Part 1

Format	Color
Hex	B4E0EA
RGB	180, 224, 234
RGB Percent	71%, 88%, 92%
CMY	0.2941, 0.1216, 0.0823
CMYK	0.23, 0.04, 0.00, 0.08
HSL	191°, 56%, 81%
HSV	191°, 23%, 92%
XYZ	60.3293, 68.9551, 87.9719
YIQ	211.9840, -29.4340, -6.2180

Conversions

Conversions Part 2

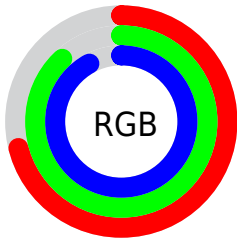
Format	Color
R _Y B	180, 204, 234
Decimal	11854058
CIE Lab	86.48, -12.03, -9.58
CIE LCh	86, 15.381, 218.541
Yxy	68.9551, 0.2777, 0.3174
Android (android.graphics.Color)	4290044138 (0xFFB4E0EA)
YUV	211.9840, 10.8539, -28.0500
Hunter-Lab	83.0392, -15.6355, -4.6845

Details

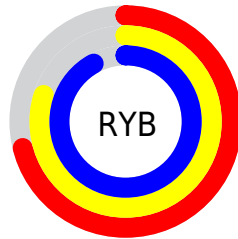
The XYZ color **60.3293, 68.9551, 87.9719** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60.5841, 57.6149, 51.1091**, and the grayscale version is **62.5145, 65.7701, 71.6236**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **30.8280, 36.0259, 47.4484** is the 20% darker color. If you saturate the color by 10%, you get **54.1859, 64.0833, 87.3565**, and if you desaturate by 10%, it is **67.4260, 74.3659, 88.6434**.

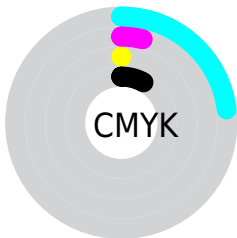
Distribution



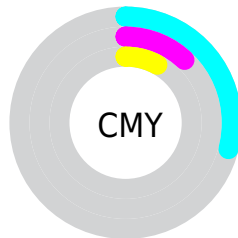
- Red (71%)
- Green (88%)
- Blue (92%)



- Red (71%)
- Yellow (80%)
- Blue (92%)



- Cyan (23%)
- Magenta (4%)
- Yellow (0%)
- Black (8%)



- Cyan (29%)
- Magenta (12%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3293, 68.9551, 87.9719 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 60.3293, 68.9551, 87.9719 by changing the saturation by 10% instead.

60.3293, 68.9551,
87.9719

60.3293, 68.9551,
87.9719

415.6258,
456.8726, 541.8101

43.9346, 50.6751,
65.7356

104.4108,
117.7174, 146.4288

30.8168, 35.9501,
47.6027

132.8284,
148.9686, 183.4865

20.6105, 24.3957,
33.1546

165.9842,
185.3123, 226.3218

12.9504, 15.6274,
21.9728

204.2438,
227.1330, 275.3531

7.4712, 9.2609,
13.6388

247.9724,
274.8149, 330.9991

3.8074, 4.9117,
7.7340

297.5353,

1.5938, 2.1956,

328.7426, 393.6782

3.8399

353.2980,
389.3003, 463.8090

■ 0.3883, 0.7176,
1.5379

■ 0.0000, 0.0000,
0.2459

■ 60.3293, 68.9551,
87.9719

■ 60.3293, 68.9551,
87.9719

■ 54.1859, 64.0833,
87.3565

■ 67.4260, 74.3659,
88.6434

■ 48.9435, 59.7179,
86.7902

■ 75.5132, 80.3299,
89.3683

■ 44.5535, 55.8354,
86.2721

■ 84.6331, 86.8711,
90.1502

■ 40.9607, 52.4068,
85.7997

■ 87.6455, 90.3086,
90.6550

■ 38.1027, 49.3999,
85.3700

■ 88.9456, 92.9088,
91.0883

■ 35.9078, 46.7771,
84.9794

■ 90.2764, 95.5703,
91.5319

■ 34.2891, 44.4934,
84.6239

■ 91.6381, 98.2937,
91.9858

■ 33.4125, 43.0626,
84.3940

■ 91.8515, 98.7206,
92.0569

Harmonies

Analogous

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



58.9998, 68.9551, 78.0302



60.3293, 68.9551, 87.9719



63.0669, 68.9551, 94.8470

Triad

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



60.3293, 68.9551, 87.9719



72.1202, 68.9551, 82.4844



64.5282, 68.9551, 57.3117

Complementary

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



60.3293, 68.9551, 87.9719



60.5841, 57.6149, 51.1091

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.



68.0764, 68.9551, 58.2706



60.3293, 68.9551, 87.9719



72.5460, 68.9551, 72.2058

Square

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



60.3293, 68.9551, 87.9719



69.8988, 68.9551, 91.4845



71.0419, 68.9551, 63.5141



61.3658, 68.9551, 60.7647

Rectangle

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



60.3293, 68.9551, 87.9719



65.3656, 68.9551, 96.4367



71.0419, 68.9551, 63.5141



65.7142, 68.9551, 57.1355

Sweetspot

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



60.3313, 68.9579, 87.9735



87.7400, 94.6800, 108.2584



57.5298, 72.2636, 59.5754



18.6512, 20.1707, 23.1603



0.0000, 0.0000, 0.0000



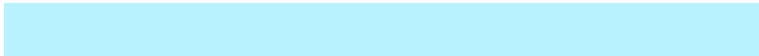
20.3446, 21.4041, 23.3091

Same Dimension

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



60.3313, 68.9579, 87.9735



69.4086, 80.7352, 106.5330



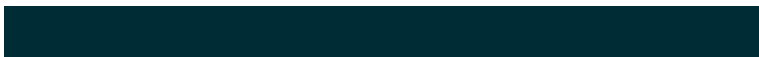
53.6640, 55.6232, 85.7510



15.2668, 16.6201, 19.3256



18.8622, 24.3713, 47.4530



1.5425, 2.0365, 3.7467

Inverse Universe

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



63.7091, 55.5183, 77.8824



74.2917, 61.7727, 91.8400



66.9582, 70.3632, 53.2338



15.5882, 15.2631, 18.3829



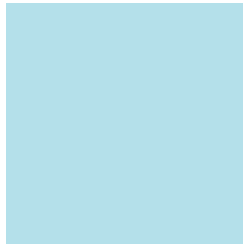
24.3760, 11.9531, 28.8453



1.9451, 0.9510, 2.4282

Previews

White Background



This preview shows how the XYZ color 60.3293, 68.9551, 87.9719 looks on a white background.

Color Contrast Check

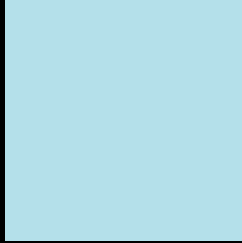
Large Text (above 18pt) WCAG AA × Fail

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 60.3293, 68.9551, 87.9719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

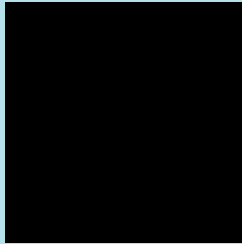
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.3293, 68.9551, 87.9719

Background



This preview shows how black text looks on a background with the XYZ color 60.3293, 68.9551, 87.9719.



This preview shows how white text looks on a background with the XYZ color 60.3293, 68.9551,

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

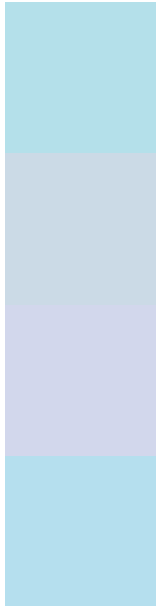




Tritanopia

61.3209, 68.9500, 93.2958

Trichromacy



Original Color

60.3293, 68.9551, 87.9719

Protanomaly

63.9829, 68.5525, 84.7226

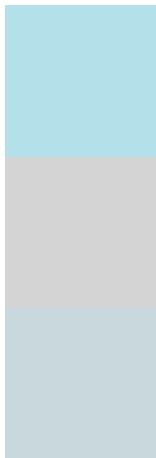
Deuteranomaly

66.0191, 68.3586, 89.0718

Tritanomaly

60.8763, 68.7722, 90.9547

Monochromacy



Original Color

60.3293, 68.9551, 87.9719

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.2936, 66.5584, 77.3267

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3293, 68.9551, 87.9719 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(180, 224, 234)` looks like.

```
.text, #text, p{  
    color:rgb(180, 224, 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(180, 224, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 224, 234) }
```

Border

The CSS property to change the border of an element to XYZ 60.3293, 68.9551, 87.9719 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(180, 224, 234) }
```


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

```
.border{ border-color:rgb(180, 224, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 224, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 224, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 224, 234);  
box-shadow:4px 4px 4px 4px rgb(180, 224,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3293, 68.9551, 87.9719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 224, 234) }
```

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

```
.background{ background-color: rgb(180,  
224, 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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