

Converting Colors

XYZ(53.6833, 60.2800, 84.6622)

Have a look what the booklet for
XYZ(53.6833, 60.2800, 84.6622)
contains.

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Color

**XYZ(53.6188, 60.1875,
84.3926)**

Conversions

Conversions Part 1

Format	Color
Hex	A8D2E7
RGB	168, 210, 231
RGB Percent	66%, 82%, 91%
CMY	0.3412, 0.1765, 0.0941
CMYK	0.27, 0.09, 0.00, 0.09
HSL	200°, 57%, 78%
HSV	200°, 27%, 91%
XYZ	53.6188, 60.1875, 84.3926
YIQ	199.8360, -31.7730, -2.3730

Conversions

Conversions Part 2

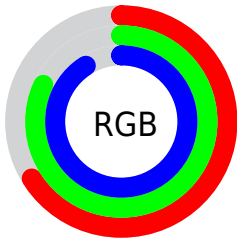
Format	Color
RYB	168, 193, 231
Decimal	11064039
CIELab	81.94, -9.02, -14.85
CIELCh	82, 17.375, 238.741
Yxy	60.1875, 0.2705, 0.3037
Android (android.graphics.Color)	4289254119 (0xFFA8D2E7)
YUV	199.8360, 15.3639, -27.9202
Hunter-Lab	77.5806, -12.3982, -10.1896

Details

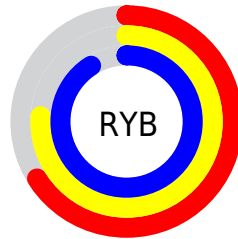
The XYZ color **53.6188, 60.1875, 84.3926** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.2212, 56.2116, 44.8285**, and the grayscale version is **54.7227, 57.5726, 62.6965**.

A 20% lighter version of the original color is **84.5505, 94.5873, 108.4086**, and **26.5658, 30.4495, 45.0346** is the 20% darker color. If you saturate the color by 10%, you get **47.2760, 54.1647, 83.5654**, and if you desaturate by 10%, it is **60.9303, 66.8484, 85.2939**.

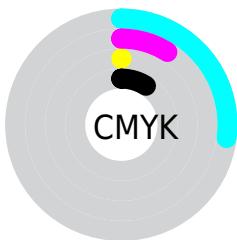
Distribution



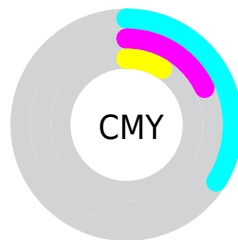
- Red (66%)
- Green (82%)
- Blue (91%)



- Red (66%)
- Yellow (76%)
- Blue (91%)



- Cyan (27%)
- Magenta (9%)
- Yellow (0%)
- Black (9%)



- Cyan (34%)
- Magenta (18%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6188, 60.1875, 84.3926 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 53.6188, 60.1875, 84.3926 by changing the saturation by 10% instead.

■ 53.6188, 60.1875,
84.3926

■ 53.6188, 60.1875,
84.3926

390.8768,
425.2885, 529.7081

■ 38.5264, 43.5698,
62.7924

■ 94.6745, 105.1016,
141.3908

■ 26.5706, 30.3324,
45.2333

■ 121.3685,
134.1668, 177.6259

■ 17.3859, 20.0910,
31.2970

152.6605,
168.1499, 219.5764

■ 10.6070, 12.4612,
20.5647

188.9157,
207.4354, 267.6608

■ 5.8686, 7.0586,
12.6181

230.4997,
252.4076, 322.2976

■ 2.8052, 3.4988,
7.0385

277.7776,

■ 1.0516, 1.3973,

303.4509, 383.9054

3.4074

331.1148,
360.9498, 452.9027

■ 0.0000, 0.2148,
1.3062

■ 0.0000, 0.0000,
0.0669

■ 53.6188, 60.1875,
84.3926

■ 53.6188, 60.1875,
84.3926

■ 47.2760, 54.1647,
83.5654

■ 60.9303, 66.8484,
85.2939

■ 41.8489, 48.7465,
82.8056

■ 69.2490, 74.1646,
86.2677

■ 37.2876, 43.9064,
82.1118

■ 78.6181, 82.1618,
87.3175

■ 33.5346, 39.6131,
81.4809

■ 87.0604, 89.8224,
88.3512

■ 30.5252, 35.8311,
80.9095

■ 89.3854, 94.4724,
89.1262

■ 28.1834, 32.5192,
80.3937

■ 91.4240, 98.5496,
89.8057

■ 26.4097, 29.6239,
79.9283

■ 25.9811, 28.8838,
79.8080

Harmonies

Analogous

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



51.2339, 60.1875, 75.7507



53.6188, 60.1875, 84.3926



57.0514, 60.1875, 87.9106

Triad

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



53.6188, 60.1875, 84.3926



64.5629, 60.1875, 65.9794



53.8766, 60.1875, 49.3487

Complementary

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



53.6188, 60.1875, 84.3926



58.2212, 56.2116, 44.8285

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.



57.3617, 60.1875, 47.3184



53.6188, 60.1875, 84.3926



63.6260, 60.1875, 56.2798

Square

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



53.6188, 60.1875, 84.3926



63.4596, 60.1875, 76.6017



60.9506, 60.1875, 49.7175



51.3782, 60.1875, 55.5872

Rectangle

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



53.6188, 60.1875, 84.3926



59.5061, 60.1875, 86.6183



60.9506, 60.1875, 49.7175



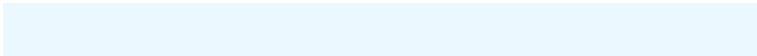
54.9668, 60.1875, 48.1829

Sweetspot

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



53.6206, 60.1899, 84.3940



85.8082, 92.0724, 107.8569



53.7973, 69.1065, 58.0535



18.0149, 19.4014, 23.0453



0.0000, 0.0000, 0.0000



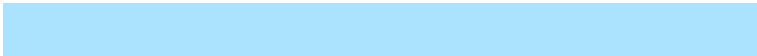
20.3446, 21.4041, 23.3091

Same Dimension

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



53.6206, 60.1899, 84.3940



62.2681, 70.7735, 104.9865



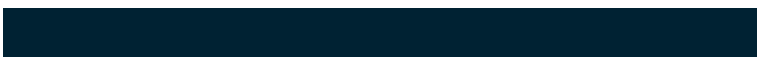
46.8041, 46.5569, 82.1218



14.3816, 15.4845, 18.3752



14.6838, 16.4296, 44.7805



1.1696, 1.3832, 3.3373

Inverse Universe

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



58.5919, 49.6488, 67.4704



69.6332, 55.8726, 79.7534



65.4731, 70.7154, 47.2458



14.7802, 14.5293, 17.0428



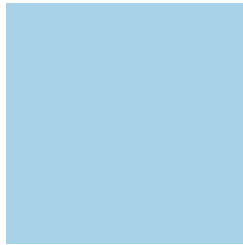
21.8052, 10.8563, 18.4010



1.6540, 0.8193, 1.5845

Previews

White Background



This preview shows how the XYZ color 53.6188, 60.1875, 84.3926 looks on a white background.

Color Contrast Check

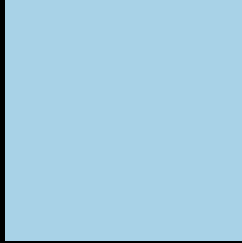
Large Text (above 18pt) WCAG AA × Fail

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 53.6188, 60.1875, 84.3926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

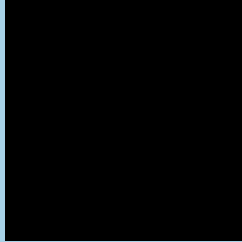
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6188, 60.1875, 84.3926

Background



This preview shows how black text looks on a background with the XYZ color 53.6188, 60.1875, 84.3926.



This preview shows how white text looks on a background with the XYZ color 53.6188, 60.1875,

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

53.6188, 60.1875, 84.3926

Protanopia

58.6674, 60.0114, 80.4428

Deuteranopia

61.1966, 59.8267, 85.4131



Tritanopia

53.0957, 60.3501, 81.5233

Trichromacy



Original Color

53.6188, 60.1875, 84.3926

Protanomaly

56.5740, 59.9554, 81.9896

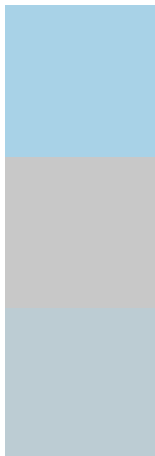
Deuteranomaly

57.9342, 59.5366, 84.7822

Tritanomaly

53.2342, 60.4055, 82.2525

Monochromacy



Original Color

53.6188, 60.1875, 84.3926

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.0898, 58.5802, 70.0843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6188, 60.1875, 84.3926 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(168, 210, 231)` looks like.

```
.text, #text, p{  
    color:rgb(168, 210, 231)  
}
```

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(168, 210, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 210, 231) }
```

Border

The CSS property to change the border of an element to XYZ 53.6188, 60.1875, 84.3926 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(168, 210, 231) }
```


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

```
.border{ border-color:rgb(168, 210, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 210, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 210, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 210, 231);  
box-shadow:4px 4px 4px 4px rgb(168, 210,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6188, 60.1875, 84.3926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 210, 231) }
```

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

```
.background{ background-color: rgb(168,  
210, 231) }
```

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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