

Converting Colors

XYZ(51.2588, 60.1518, 84.8447)

Have a look what the booklet for
XYZ(51.2588, 60.1518, 84.8447)
contains.

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Color

**XYZ(51.1669, 60.0334,
84.4921)**

Conversions

Conversions Part 1

Format	Color
Hex	98D5E7
RGB	152, 213, 231
RGB Percent	60%, 84%, 91%
CMY	0.4039, 0.1647, 0.0941
CMYK	0.34, 0.08, 0.00, 0.09
HSL	194°, 62%, 75%
HSV	194°, 34%, 91%
XYZ	51.1669, 60.0334, 84.4921
YIQ	196.8130, -42.1340, -7.3340

Conversions

Conversions Part 2

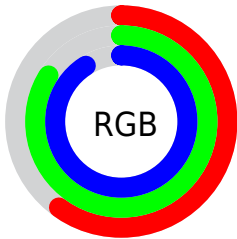
Format	Color
RYB	152, 186, 231
Decimal	10016231
CIELab	81.86, -15.05, -15.07
CIELCh	82, 21.299, 225.034
Yxy	60.0334, 0.2615, 0.3068
Android (android.graphics.Color)	4288206311 (0xFF98D5E7)
YUV	196.8130, 16.8542, -39.3010
Hunter-Lab	77.4812, -17.7147, -10.4180

Details

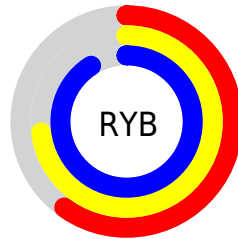
The XYZ color **51.1669, 60.0334, 84.4921** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.9981, 48.0060, 36.1799**, and the grayscale version is **52.8794, 55.6332, 60.5846**.

A 20% lighter version of the original color is **79.8224, 92.1499, 108.1874**, and **25.0017, 30.1455, 45.0584** is the 20% darker color. If you saturate the color by 10%, you get **45.9554, 55.4148, 83.8763**, and if you desaturate by 10%, it is **57.2670, 65.1767, 85.1644**.

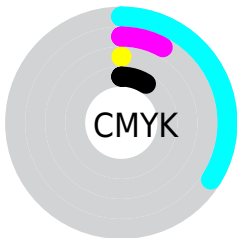
Distribution



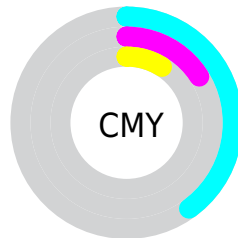
- Red (60%)
- Green (84%)
- Blue (91%)



- Red (60%)
- Yellow (73%)
- Blue (91%)



- Cyan (34%)
- Magenta (8%)
- Yellow (0%)
- Black (9%)



- Cyan (40%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.1669, 60.0334, 84.4921 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 51.1669, 60.0334, 84.4921 by changing the saturation by 10% instead.

■ 51.1669, 60.0334,
84.4921

■ 51.1669, 60.0334,
84.4921

381.5889,
424.7209, 530.0466

■ 36.5630, 43.4456,
62.8741

■ 91.0830, 104.8781,
141.5312

■ 25.0415, 30.2349,
45.2990

■ 117.1259,
133.9038, 177.7893

■ 16.2369, 20.0169,
31.3483

147.7125,
167.8442, 219.7646

■ 9.7838, 12.4073,
20.6036

183.2082,
207.0837, 267.8755

■ 5.3170, 7.0217,
12.6461

223.9783,
252.0067, 322.5407

■ 2.4711, 3.4757,
7.0575

270.3882,

■ 0.8807, 1.3848,

302.9977, 384.1785

3.4191

322.8033,
360.4409, 453.2077

■ 0.0000, 0.2055,
1.3124

■ 0.0000, 0.0000,
0.0719

■ 51.1669, 60.0334,
84.4921

■ 51.1669, 60.0334,
84.4921

■ 45.9554, 55.4148,
83.8763

■ 57.2670, 65.1767,
85.1644

■ 41.5774, 51.2877,
83.3105

■ 64.2957, 70.8617,
85.8912

■ 37.9804, 47.6257,
82.7932

■ 72.2971, 77.1131,
86.6761

■ 35.1029, 44.3966,
82.3216

■ 81.3109, 83.9518,
87.5211

■ 32.8739, 41.5632,
81.8922

■ 86.6235, 88.9486,
88.2056

■ 31.2069, 39.0802,
81.5008

■ 88.1895, 92.0806,
88.7276

■ 30.4190, 37.7595,
81.2874

■ 89.8008, 95.3032,
89.2647

■ 91.4240, 98.5496,
89.8057

Harmonies

Analogous

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



49.1125, 60.0334, 72.0001



51.1669, 60.0334, 84.4921



54.8567, 60.0334, 92.3168

Triad

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



51.1669, 60.0334, 84.4921



65.8245, 60.0334, 71.9697



54.8470, 60.0334, 44.2547

Complementary

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



51.1669, 60.0334, 84.4921



52.9981, 48.0060, 36.1799

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.



59.3214, 60.0334, 44.2488



51.1669, 60.0334, 84.4921



65.8216, 60.0334, 59.1528

Square

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



51.1669, 60.0334, 84.4921



63.3968, 60.0334, 84.4673



63.3889, 60.0334, 49.3690



51.1601, 60.0334, 49.3863

Rectangle

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



51.1669, 60.0334, 84.4921



57.8218, 60.0334, 93.2568



63.3889, 60.0334, 49.3690



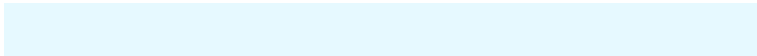
56.3048, 60.0334, 43.6775

Sweetspot

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



51.1687, 60.0358, 84.4935



84.4575, 91.8296, 107.8812



48.6985, 66.6974, 47.9022



17.7805, 19.4222, 23.0617



0.0000, 0.0000, 0.0000



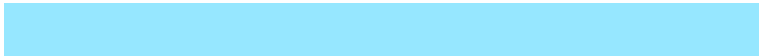
20.3446, 21.4041, 23.3091

Same Dimension

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



51.1687, 60.0358, 84.4935



59.3373, 71.0002, 105.1847



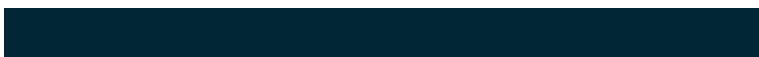
42.5842, 42.8668, 81.6320



14.5144, 15.7502, 18.4194



17.1509, 21.3638, 45.6029



1.3356, 1.7152, 3.3926

Inverse Universe

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



56.1949, 44.2510, 68.5329



66.6677, 48.9964, 81.6791



61.3302, 64.6702, 38.9573



14.8472, 14.5561, 17.3960



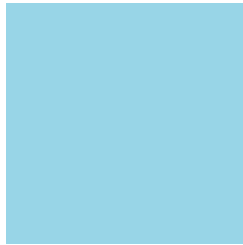
23.0505, 11.3544, 24.9585



1.7378, 0.8528, 2.0258

Previews

White Background



This preview shows how the XYZ color 51.1669, 60.0334, 84.4921 looks on a white background.

Color Contrast Check

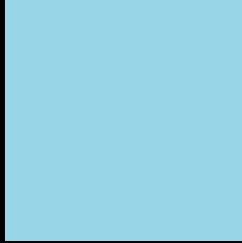
Large Text (above 18pt) WCAG AA × Fail

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 51.1669, 60.0334, 84.4921 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 51.1669, 60.0334, 84.4921

Background



This preview shows how black text looks on a background with the XYZ color 51.1669, 60.0334, 84.4921.



This preview shows how white text looks on a background with the XYZ color 51.1669, 60.0334,

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

51.1669, 60.0334, 84.4921

Protanopia

58.1606, 59.4345, 78.9276

Deuteranopia

60.7775, 59.5941, 86.1414



Tritanopia

51.0261, 59.9771, 83.7503

Trichromacy



Original Color

51.1669, 60.0334, 84.4921

Protanomaly

55.2249, 59.2760, 81.2038

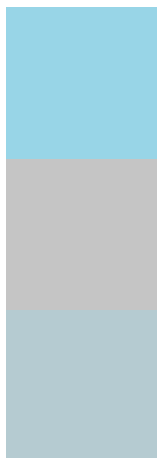
Deuteranomaly

56.5574, 59.1599, 85.5289

Tritanomaly

51.0261, 59.9771, 83.7503

Monochromacy



Original Color

51.1669, 60.0334, 84.4921

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

51.9206, 57.1391, 68.6140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1669, 60.0334, 84.4921 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(152, 213, 231)` looks like.

```
.text, #text, p{  
    color:rgb(152, 213, 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(152, 213, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 213, 231) }
```

Border

The CSS property to change the border of an element to XYZ 51.1669, 60.0334, 84.4921 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(152, 213, 231) }
```


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

```
.border{ border-color:rgb(152, 213, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 213, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 213, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 213, 231);  
box-shadow:4px 4px 4px 4px rgb(152, 213,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1669, 60.0334, 84.4921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 213, 231) }
```

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

```
.background{ background-color: rgb(152,  
213, 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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