

Converting Colors

XYZ(53.4171, 64.2547, 85.1883)

Have a look what the booklet for
XYZ(53.4171, 64.2547, 85.1883)
contains.

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Color

**XYZ(53.4171, 64.2547,
85.1883)**

Conversions

Conversions Part 1

Format	Color
Hex	99DDE7
RGB	153, 221, 231
RGB Percent	60%, 87%, 91%
CMY	0.4000, 0.1333, 0.0941
CMYK	0.34, 0.04, 0.00, 0.09
HSL	188°, 62%, 75%
HSV	188°, 34%, 91%
XYZ	53.4171, 64.2547, 85.1883
YIQ	201.8080, -43.7380, -11.3060

Conversions

Conversions Part 2

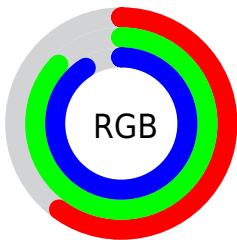
Format	Color
R _{YB}	153, 189, 231
Decimal	10083815
CIE _{Lab}	84.10, -18.84, -11.71
CIE _{LCh}	84, 22.179, 211.861
Yxy	64.2547, 0.2633, 0.3167
Android (android.graphics.Color)	4288273895 (0xFF99DDE7)
YUV	201.8080, 14.3917, -42.8046
Hunter-Lab	80.1590, -21.3279, -6.8986

Details

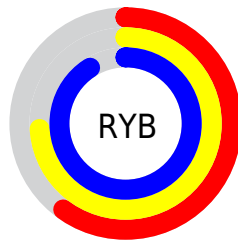
The XYZ color **53.4171, 64.2547, 85.1883** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.8029, 45.4839, 36.1874**, and the grayscale version is **55.9536, 58.8675, 64.1068**.

A 20% lighter version of the original color is **80.3883, 92.4416, 108.2138**, and **26.4111, 32.9643, 45.5282** is the 20% darker color. If you saturate the color by 10%, you get **48.6977, 60.6729, 84.7468**, and if you desaturate by 10%, it is **58.9981, 68.3042, 85.6769**.

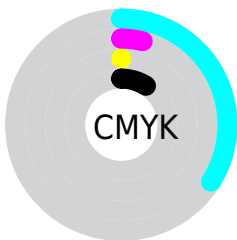
Distribution



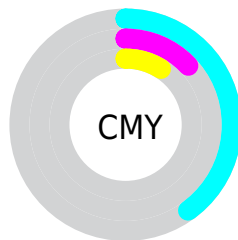
- Red (60%)
- Green (87%)
- Blue (91%)



- Red (60%)
- Yellow (74%)
- Blue (91%)



- Cyan (34%)
- Magenta (4%)
- Yellow (0%)
- Black (9%)



- Cyan (40%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.4171, 64.2547, 85.1883 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 53.4171, 64.2547, 85.1883 by changing the saturation by 10% instead.

■ 53.4171, 64.2547,
85.1883

■ 53.4171, 64.2547,
85.1883

390.1180,
440.1088, 532.4118

■ 38.3647, 46.8570,
63.4459

■ 94.3798, 110.9777,
142.5127

■ 26.4443, 32.9226,
45.7587

■ 121.0207,
141.0717, 178.9319

■ 17.2908, 22.0672,
31.7082

152.2552,
176.1667, 221.0804

■ 10.5386, 13.9063,
20.8757

188.4485,
216.6469, 269.3767

■ 5.8225, 8.0555,
12.8428

229.9661,
262.8969, 324.2395

■ 2.7771, 4.1305,
7.1910

277.1734,

■ 1.0370, 1.7468,

315.3009, 386.0872

3.5016

330.4355,
374.2434, 455.3385

■ 0.0000, 0.4537,
1.3561

■ 0.0000, 0.0000,
0.1071

■ 53.4171, 64.2547,
85.1883

■ 53.4171, 64.2547,
85.1883

■ 48.6977, 60.6729,
84.7468

■ 58.9981, 68.3042,
85.6769

■ 44.7851, 57.5260,
84.3456

■ 65.4801, 72.8372,
86.2102

■ 41.6275, 54.7884,
83.9836

■ 72.9066, 77.8778,
86.7917

■ 39.1640, 52.4289,
83.6580

■ 81.3171, 83.4463,
87.4233

■ 37.3245, 50.4111,
83.3655

■ 85.6043, 86.9102,
87.8659

■ 36.0238, 48.6909,
83.1020

■ 86.4630, 88.6276,
88.1521

■ 35.4023, 47.7262,
82.9486

■ 87.3359, 90.3733,
88.4431

■ 88.2230, 92.1476,
88.7388

■ 89.1245, 93.9506,
89.0393

Harmonies

Analogous

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



52.1342, 64.2547, 70.8421



53.4171, 64.2547, 85.1883



56.7372, 64.2547, 96.5449

Triad

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



53.4171, 64.2547, 85.1883



69.7594, 64.2547, 83.4699



60.7668, 64.2547, 46.3179

Complementary

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



53.4171, 64.2547, 85.1883



51.8029, 45.4839, 36.1874

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.



65.6225, 64.2547, 48.7709



53.4171, 64.2547, 85.1883



70.9774, 64.2547, 69.0901

Square

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



53.4171, 64.2547, 85.1883



66.1798, 64.2547, 95.4632



69.4257, 64.2547, 56.6683



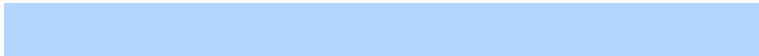
56.2343, 64.2547, 49.4628

Rectangle

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



53.4171, 64.2547, 85.1883



59.7485, 64.2547, 100.2050



69.4257, 64.2547, 56.6683



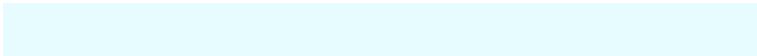
62.4153, 64.2547, 46.5138

Sweetspot

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



53.4190, 64.2572, 85.1898



85.2490, 93.4127, 108.1451



48.2446, 66.5376, 44.5308



17.9730, 19.8073, 23.1259



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.



53.4190, 64.2572, 85.1898



62.3436, 77.0127, 106.1868



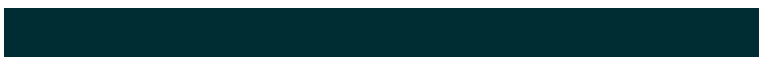
44.4749, 46.3691, 82.2084



14.6416, 16.0046, 18.4618



19.9111, 26.8843, 46.5229



1.5156, 2.0751, 3.4526

Inverse Universe

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



57.3989, 44.9934, 74.0687



68.1852, 49.6033, 89.6698



59.6160, 61.1101, 38.7918



14.9114, 14.5818, 17.7340



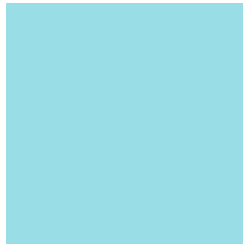
24.4437, 11.9117, 32.2952



1.8286, 0.8892, 2.5040

Previews

White Background



This preview shows how the XYZ color 53.4171, 64.2547, 85.1883 looks on a white background.

Color Contrast Check

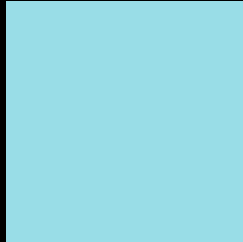
Large Text (above 18pt) WCAG AA × Fail

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 53.4171, 64.2547, 85.1883 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 53.4171, 64.2547, 85.1883

Background



This preview shows how black text looks on a background with the XYZ color 53.4171, 64.2547, 85.1883.

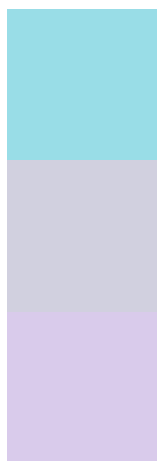


This preview shows how white text looks on a background with the XYZ color 53.4171, 64.2547,

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

53.4171, 64.2547, 85.1883

Protanopia

62.1697, 63.9948, 78.8876

Deuteranopia

64.9666, 63.4617, 87.4225



Tritanopia

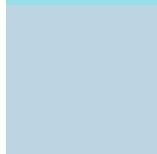
54.5434, 64.3280, 90.4307

Trichromacy



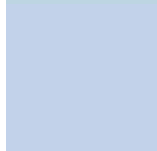
Original Color

53.4171, 64.2547, 85.1883



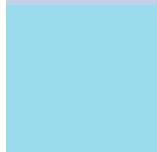
Protanomaly

58.5080, 63.8983, 81.2014



Deuteranomaly

60.1460, 63.5030, 86.9292



Tritanomaly

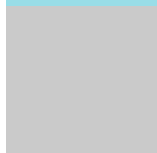
53.9150, 64.0546, 88.1194

Monochromacy



Original Color

53.4171, 64.2547, 85.1883



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

54.5779, 60.5954, 71.7703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4171, 64.2547, 85.1883 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(153, 221, 231)` looks like.

```
.text, #text, p{  
    color:rgb(153, 221, 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(153, 221, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 221, 231) }
```

Border

The CSS property to change the border of an element to XYZ 53.4171, 64.2547, 85.1883 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(153, 221, 231) }
```


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

```
.border{ border-color:rgb(153, 221, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 221, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 221, 231); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 221, 231); box-shadow:4px 4px 4px 4px rgb(153, 221, 231) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4171, 64.2547, 85.1883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 221, 231) }
```

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

```
.background{ background-color: rgb(153,  
221, 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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