

Converting Colors

XYZ(41.6076, 58.1830, 83.9004)

Have a look what the booklet for
XYZ(41.6076, 58.1830, 83.9004)
contains.

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Color

**XYZ(41.6076, 58.1830,
83.9004)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 35DDE6 |
| RGB | 53, 221, 230 |
| RGB Percent | 21%, 87%, 90% |
| CMY | 0.7921, 0.1333, 0.0980 |
| CMYK | 0.77, 0.04, 0.00, 0.10 |
| HSL | 183°, 78%, 55% |
| HSV | 183°, 77%, 90% |
| XYZ | 41.6076, 58.1830, 83.9004 |
| YIQ | 171.7940, -103.0170, -32.8170 |

Conversions

Conversions Part 2

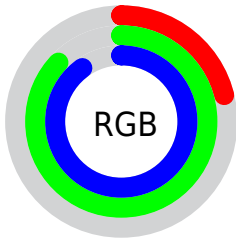
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 53, 139, 230 |
| Decimal | 3530214 |
| CIE _{Lab} | 80.84, -37.77, -16.39 |
| CIE _{LCh} | 81, 41.171, 203.461 |
| Yxy | 58.1830, 0.2265, 0.3167 |
| Android (android.graphics.Color) | 4281720294 (0xFF35DDE6) |
| YUV | 171.7940, 28.6956, -104.1823 |
| Hunter-Lab | 76.2778, -36.1189, -11.8205 |

Details

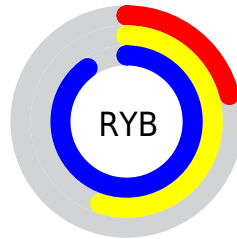
The XYZ color **41.6076, 58.1830, 83.9004** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **34.9998, 20.5270, 5.4873**, and the grayscale version is **39.0083, 41.0398, 44.6923**.

A 20% lighter version of the original color is **62.8633, 83.4071, 107.3937**, and **21.1930, 30.0054, 45.2321** is the 20% darker color. If you saturate the color by 10%, you get **40.3686, 57.0888, 83.7556**, and if you desaturate by 10%, it is **43.4319, 59.5846, 84.0759**.

Distribution



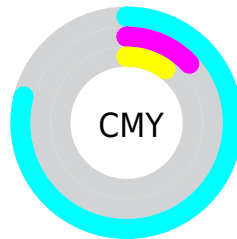
- Red (21%)
- Green (87%)
- Blue (90%)



- Red (21%)
- Yellow (55%)
- Blue (90%)



- Cyan (77%)
- Magenta (4%)
- Yellow (0%)
- Black (10%)



- Cyan (79%)
- Magenta (13%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.6076, 58.1830, 83.9004 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 41.6076, 58.1830, 83.9004 by changing the saturation by 10% instead.

41.6076, 58.1830,
83.9004

41.6076, 58.1830,
83.9004

343.8731,
417.8675, 528.0318

28.9839, 41.9558,
62.3883

76.8743, 102.1893,
140.6963

19.2129, 29.0667,
44.9087

100.2480,
130.7372, 176.8172

11.9291, 19.1313,
31.0431

127.9358,
164.1607, 218.6448

6.7673, 11.7652,
20.3729

160.3030,
202.8444, 266.5976

3.3620, 6.5840,
12.4797

197.7150,
247.1725, 321.0942

1.3480, 3.2033,
6.9447

240.5371,

0.2187, 1.2388,

297.5294, 382.5530

3.3496

289.1347,
354.2996, 451.3927

■ 0.0000, 0.0930,
1.2758

■ 0.0000, 0.0000,
0.0418

■ 41.6076, 58.1830,
83.9004

■ 41.6076, 58.1830,
83.9004

■ 40.3686, 57.0888,
83.7556

■ 43.4319, 59.5846,
84.0759


■ 39.6150, 56.2467,
83.6328


■ 45.9094, 61.3250,
84.2812


■ 39.4345, 56.0160,
83.5977


■ 49.1045, 63.4385,
84.5208


■ 53.0724, 65.9535,
84.7971

 57.8628, 68.8959,
85.1125

 63.5215, 72.2890,
85.4692

 70.0907, 76.1548,
85.8692

 77.6099, 80.5136,
86.3142

 84.2469, 84.4208,
86.7185

Harmonies

Analogous

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



40.5851, 58.1830, 58.1628



41.6076, 58.1830, 83.9004



46.1197, 58.1830, 108.9564

Triad

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



41.6076, 58.1830, 83.9004



69.5178, 58.1830, 95.5495



57.1858, 58.1830, 27.2669

Complementary

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



41.6076, 58.1830, 83.9004



34.9998, 20.5270, 5.4873

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.



65.6269, 58.1830, 32.6656



41.6076, 58.1830, 83.9004



73.2033, 58.1830, 68.8397

Square

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



41.6076, 58.1830, 83.9004



62.0750, 58.1830, 116.7986



71.7111, 58.1830, 46.4656



49.0390, 58.1830, 29.3526

Rectangle

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



41.6076, 58.1830, 83.9004



50.7725, 58.1830, 119.7323



71.7111, 58.1830, 46.4656



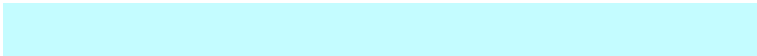
60.0915, 58.1830, 28.2091

Sweetspot

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



41.6094, 58.1852, 83.9018



75.7222, 88.6350, 107.7250



30.6319, 57.6980, 14.0602



15.6778, 18.6517, 23.0238



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.



41.6094, 58.1852, 83.9018



50.4191, 71.5177, 105.7547



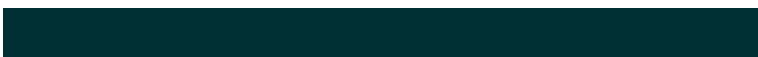
24.0929, 23.1522, 78.0630



14.7414, 16.2042, 18.4951



22.3533, 31.7688, 47.3370



1.6712, 2.3864, 3.5045

Inverse Universe

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



46.9589, 24.5914, 70.6805



57.6859, 28.2500, 87.2640



44.2400, 39.0073, 8.5673



14.9618, 14.6019, 17.9992



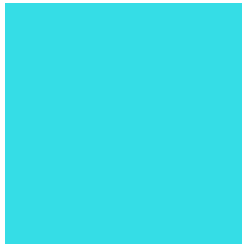
25.6764, 12.4048, 38.7867



1.9072, 0.9206, 2.9177

Previews

White Background



This preview shows how the XYZ color 41.6076, 58.1830, 83.9004 looks on a white background.

Color Contrast Check

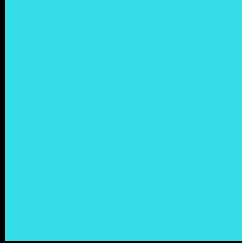
Large Text (above 18pt) WCAG AA × Fail

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 41.6076, 58.1830, 83.9004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

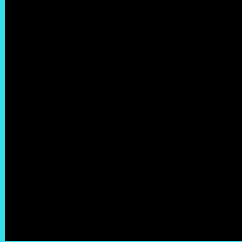
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

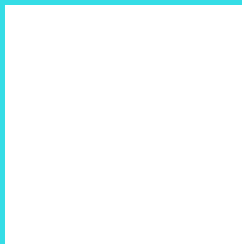
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.6076, 58.1830, 83.9004

Background



This preview shows how black text looks on a background with the XYZ color 41.6076, 58.1830, 83.9004.

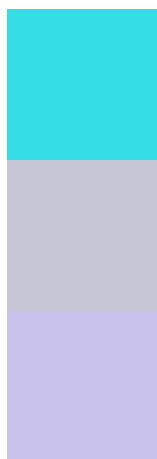


This preview shows how white text looks on a background with the XYZ color 41.6076, 58.1830,

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

41.6076, 58.1830, 83.9004

Protanopia

55.7485, 57.3002, 72.4118

Deuteranopia

58.2515, 56.9191, 87.2732



Tritanopia

42.8294, 58.2893, 89.8825

Trichromacy



Original Color

41.6076, 58.1830, 83.9004



Protanomaly

46.6666, 55.3297, 75.9302



Deuteranomaly

48.4768, 55.3293, 85.9665



Tritanomaly

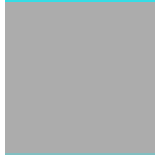
42.2759, 58.0544, 87.5747

Monochromacy



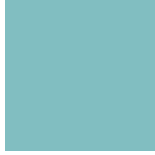
Original Color

41.6076, 58.1830, 83.9004



Achromatopsia

39.2122, 41.2543, 44.9259



Achromatomaly

37.0924, 45.3443, 57.2494

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6076, 58.1830, 83.9004 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(53, 221, 230)` looks like.

```
.text, #text, p{  
    color:rgb(53, 221, 230)  
}
```

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(53, 221, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 221, 230) }
```

Border

The CSS property to change the border of an element to XYZ 41.6076, 58.1830, 83.9004 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(53, 221, 230) }
```


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

```
.border{ border-color:rgb(53, 221, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 221, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 221, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 221, 230);  
box-shadow:4px 4px 4px 4px rgb(53, 221,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6076, 58.1830, 83.9004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 221, 230) }
```

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

```
.background{ background-color: rgb(53, 221,  
230) }
```

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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