

Converting Colors

XYZ(34.2687, 41.4302, 51.3186)

Have a look what the booklet for
XYZ(34.2687, 41.4302, 51.3186)
contains.

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Color

**XYZ(34.4329, 41.5837,
51.5591)**

Conversions

Conversions Part 1

Format	Color
Hex	81B6B8
RGB	129, 182, 184
RGB Percent	51%, 71%, 72%
CMY	0.4941, 0.2863, 0.2784
CMYK	0.30, 0.01, 0.00, 0.28
HSL	182°, 28%, 61%
HSV	182°, 30%, 72%
XYZ	34.4329, 41.5837, 51.5591
YIQ	166.3810, -32.2300, -10.6140

Conversions

Conversions Part 2

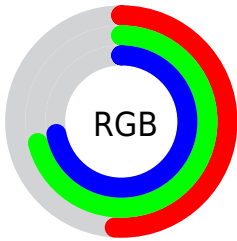
Format	Color
RYB	129, 156, 184
Decimal	8500920
CIELab	70.58, -16.77, -6.61
CIELCh	71, 18.021, 201.507
Yxy	41.5837, 0.2699, 0.3260
Android (android.graphics.Color)	4286691000 (0xFF81B6B8)
YUV	166.3810, 8.6862, -32.7831
Hunter-Lab	64.4854, -17.5369, -2.2653

Details

The XYZ color **34.4329, 41.5837, 51.5591** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **31.8464, 28.0082, 24.4973**, and the grayscale version is **36.4012, 38.2969, 41.7054**.

A 20% lighter version of the original color is **66.0699, 77.6307, 93.9400**, and **15.0076, 18.9170, 24.3331** is the 20% darker color. If you saturate the color by 10%, you get **31.7495, 39.9987, 51.3953**, and if you desaturate by 10%, it is **37.6227, 43.4328, 51.7486**.

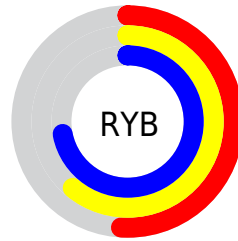
Distribution



Red (51%)

Green (71%)

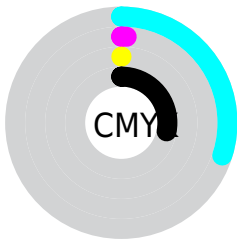
Blue (72%)



Red (51%)

Yellow (61%)

Blue (72%)

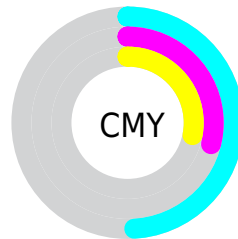


Cyan (30%)

Magenta (1%)

Yellow (0%)

Black (28%)



Cyan (49%)

Magenta (29%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.4329, 41.5837, 51.5591 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 34.4329, 41.5837, 51.5591 by changing the saturation by 10% instead.

■ 34.4329, 41.5837,
51.5591

■ 34.4329, 41.5837,
51.5591

313.6101,
352.7543, 409.6405

■ 23.3908, 28.7755,
36.2739

■ 65.9461, 77.5692,
93.9006

■ 15.0046, 18.9110,
24.3545

■ 87.1480, 101.5152,
121.7941

■ 8.9090, 11.6060,
15.3822

■ 112.4672,
129.9426, 154.7274

■ 4.7385, 6.4760,
8.9384

142.2690,
163.2358, 193.1191

■ 2.1278, 3.1366,
4.6048

176.9189,
201.7792, 237.3877

■ 0.7043, 1.2035,
1.9627

216.7821,

■ 0.0000, 0.0645,

245.9571, 287.9518

0.5322

262.2241,
296.1540, 345.2299

■ 0.0000, 0.0000,
0.0000

■ 34.4329, 41.5837,
51.5591

■ 34.4329, 41.5837,
51.5591

■ 31.7495, 39.9987,
51.3953

■ 37.6227, 43.4328,
51.7486

■ 29.5419, 38.6588,
51.2530

■ 41.3401, 45.5539,
51.9621

■ 27.7816, 37.5506,
51.1319

■ 45.6099, 47.9607,
52.2016

■ 26.4358, 36.6570,
51.0303

■ 50.4539, 50.6645,
52.4682

■ 25.4672, 35.9588,
50.9466

■ 55.8929, 53.6760,
52.7628

■ 24.8317, 35.4333,
50.8787

■ 61.9465, 57.0053,
53.0863

■ 24.4407, 35.0348,
50.8224

■ 67.5949, 60.1267,
53.3911

■ 24.4368, 35.0306,
50.8218

■ 67.7367, 60.4104,
53.4384

■ 67.8792, 60.6953,
53.4859

Harmonies

Analogous

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



34.1274, 41.5837, 42.8987



34.4329, 41.5837, 51.5591



36.0664, 41.5837, 59.3624

Triad

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



34.4329, 41.5837, 51.5591



44.1768, 41.5837, 56.2698



40.3757, 41.5837, 30.9191

Complementary

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



34.4329, 41.5837, 51.5591



31.8464, 28.0082, 24.4973

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.



43.1959, 41.5837, 33.6180



34.4329, 41.5837, 51.5591



45.4616, 41.5837, 47.7428

Square

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



34.4329, 41.5837, 51.5591



41.6605, 41.5837, 62.3110



45.0938, 41.5837, 39.5282



37.4619, 41.5837, 31.6711

Rectangle

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



34.4329, 41.5837, 51.5591



37.7356, 41.5837, 62.6766



45.0938, 41.5837, 39.5282



41.3681, 41.5837, 31.4392

Sweetspot

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



34.4341, 41.5854, 51.5601



75.4771, 82.8825, 94.2245



30.2800, 40.5831, 27.6517



16.0455, 17.7398, 20.3000



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



34.4341, 41.5854, 51.5601



59.0562, 73.4025, 93.2601



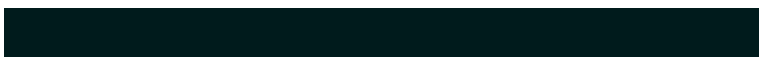
29.3717, 31.4605, 49.8726



9.2380, 10.1532, 11.5523



16.8530, 24.1657, 35.0293



0.6028, 0.8694, 1.2378

Inverse Universe

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



36.0619, 29.2691, 48.0067



62.5142, 47.4781, 85.6576



36.0142, 36.3437, 25.8865



9.3665, 9.1570, 11.2772



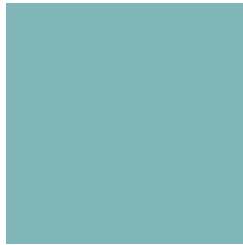
19.1203, 9.2219, 29.5840



0.6784, 0.3269, 1.0661

Previews

White Background



This preview shows how the XYZ color 34.4329, 41.5837, 51.5591 looks on a white background.

Color Contrast Check

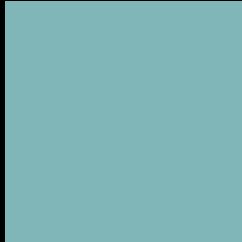
Large Text (above 18pt) WCAG AA × Fail

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 34.4329, 41.5837, 51.5591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

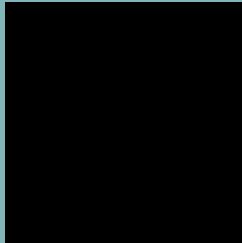
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.4329, 41.5837, 51.5591

Background



This preview shows how black text looks on a background with the XYZ color 34.4329, 41.5837, 51.5591.



This preview shows how white text looks on a background with the XYZ color 34.4329, 41.5837,

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

34.4329, 41.5837, 51.5591

Protanopia

39.7323, 41.1844, 47.4502

Deuteranopia

42.0798, 41.1704, 52.7425



Tritanopia

35.6873, 41.4882, 57.7569

Trichromacy



Original Color

34.4329, 41.5837, 51.5591

Protanomaly

37.4728, 41.1233, 49.1426

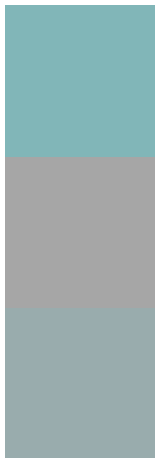
Deuteranomaly

38.7197, 40.8367, 52.2959

Tritanomaly

35.2879, 41.6346, 55.4666

Monochromacy



Original Color

34.4329, 41.5837, 51.5591

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.4322, 39.2945, 45.2523

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4329, 41.5837, 51.5591 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(129, 182, 184)` looks like.

```
.text, #text, p{  
    color:rgb(129, 182, 184)  
}
```

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(129, 182, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 182, 184) }
```

Border

The CSS property to change the border of an element to XYZ 34.4329, 41.5837, 51.5591 is called "border". The border property can be set on classes, ids or directly on the HTML element.

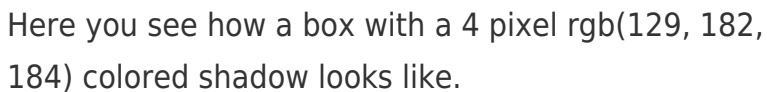
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(129, 182, 184) }
```


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

```
.border{ border-color:rgb(129, 182, 184) }
```

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



Here you see how a box with a 4 pixel `rgb(129, 182, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 182, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 182, 184); box-shadow:4px 4px 4px 4px rgb(129, 182, 184) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4329, 41.5837, 51.5591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 182, 184) }
```

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

```
.background{ background-color: rgb(129,  
182, 184) }
```

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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