

Converting Colors

XYZ(28.0827, 33.6340, 37.4413)

Have a look what the booklet for
XYZ(28.0827, 33.6340, 37.4413)
contains.

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Color

**XYZ(28.0841, 33.7389,
37.3798)**

Conversions

Conversions Part 1

Format	Color
Hex	7DA59E
RGB	125, 165, 158
RGB Percent	49%, 65%, 62%
CMY	0.5098, 0.3529, 0.3804
CMYK	0.24, 0.00, 0.04, 0.35
HSL	169°, 18%, 57%
HSV	169°, 24%, 65%
XYZ	28.0841, 33.7389, 37.3798
YIQ	152.2420, -21.5930, -10.6570

Conversions

Conversions Part 2

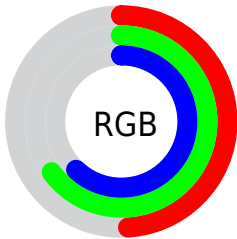
Format	Color
RYB	125, 147, 165
Decimal	8234398
CIELab	64.75, -15.06, -0.81
CIElCh	65, 15.077, 183.075
Yxy	33.7389, 0.2831, 0.3401
Android (android.graphics.Color)	4286424478 (0xFF7DA59E)
YUV	152.2420, 2.8387, -23.8912
Hunter-Lab	58.0852, -15.3446, 2.5045

Details

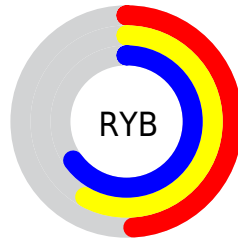
The XYZ color **28.0841, 33.7389, 37.3798** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.0167, 24.3333, 25.1040**, and the grayscale version is **29.9451, 31.5046, 34.3085**.

A 20% lighter version of the original color is **55.9635, 65.4555, 72.6354**, and **11.4606, 14.3676, 16.0791** is the 20% darker color. If you saturate the color by 10%, you get **25.6271, 32.5015, 35.9828**, and if you desaturate by 10%, it is **30.9491, 35.1877, 38.8279**.

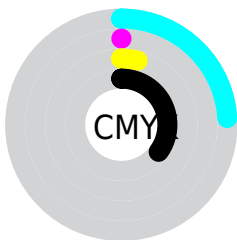
Distribution



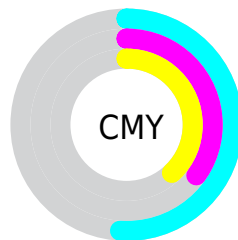
- Red (49%)
- Green (65%)
- Blue (62%)



- Red (49%)
- Yellow (58%)
- Blue (65%)



- Cyan (24%)
- Magenta (0%)
- Yellow (4%)
- Black (35%)



- Cyan (51%)
- Magenta (35%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0841, 33.7389, 37.3798 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 28.0841, 33.7389, 37.3798 by changing the saturation by 10% instead.

■ 28.0841, 33.7389,
37.3798

■ 28.0841, 33.7389,
37.3798

284.9414,
318.9662, 350.1700

■ 18.5298, 22.6931,
25.2036

■ 56.0264, 65.5274,
72.3494

■ 11.4330, 14.3671,
16.0084

■ 75.1451, 87.0389,
95.9798

■ 6.4283, 8.3764,
9.3757

■ 98.1827, 112.8078,
124.2655

■ 3.1504, 4.3367,
4.8869

125.5046,
143.2184, 157.6248

■ 1.2338, 1.8637,
2.1235

157.4760,
178.6552, 196.4764

■ 0.1328, 0.5264,
0.6297

194.4624,

■ 0.0000, 0.0000,

219.5025, 241.2387

0.0000

236.8290,
266.1447, 292.3304

■ 28.0841, 33.7389,
37.3798

■ 28.0841, 33.7389,
37.3798

■ 25.6271, 32.5015,
35.9828

■ 30.9491, 35.1877,
38.8279

■ 23.5554, 31.4612,
34.6333

■ 34.2375, 36.8532,
40.3258

■ 21.8484, 30.6083,
33.3311

■ 37.9677, 38.7457,
41.8753

■ 20.4826, 29.9306,
32.0747

■ 42.1559, 40.8737,
43.4773

■ 19.4316, 29.4146,
30.8627

■ 46.8177, 43.2451,
45.1328

■ 18.6650, 29.0445,
29.6935

■ 51.9678, 45.8676,
46.8427

■ 18.1464, 28.8015,
28.5651

■ 57.6202, 48.7483,
48.6078

■ 17.9082, 28.6925,
27.9315

■ 63.0474, 51.5122,
50.3942

■ 63.3472, 51.6321,
51.9728

Harmonies

Analogous

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



28.4941, 33.7389, 31.5924



28.0841, 33.7389, 37.3798



28.7012, 33.7389, 43.6413

Triad

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



28.0841, 33.7389, 37.3798



34.3961, 33.7389, 47.6712



33.9920, 33.7389, 27.0896

Complementary

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



28.0841, 33.7389, 37.3798



27.0167, 24.3333, 25.1040

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.



35.6879, 33.7389, 30.6003



28.0841, 33.7389, 37.3798



35.9285, 33.7389, 42.4094

Square

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



28.0841, 33.7389, 37.3798



32.2919, 33.7389, 49.9881



36.4115, 33.7389, 36.0995



31.8448, 33.7389, 26.0610

Rectangle

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



28.0841, 33.7389, 37.3798



29.6289, 33.7389, 47.1261



36.4115, 33.7389, 36.0995



34.6370, 33.7389, 27.9975

Sweetspot

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



28.0851, 33.7403, 37.3806



59.5353, 65.0968, 71.4339



26.7257, 33.3248, 24.4262



12.9435, 14.1949, 15.5846



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



28.0851, 33.7403, 37.3806



47.8799, 59.2051, 65.6082



26.5324, 29.6426, 39.9222



7.2226, 7.9899, 8.7842



13.5635, 21.7117, 21.2155



0.2982, 0.4615, 0.5151

Inverse Universe

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



27.0167, 24.3333, 25.1040



45.6384, 39.4521, 39.8392



28.2606, 27.5624, 23.2331



7.1220, 7.1053, 7.6291



11.9191, 6.1237, 1.4988



0.2638, 0.1340, 0.1017

Previews

White Background



This preview shows how the XYZ color 28.0841, 33.7389, 37.3798 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 28.0841, 33.7389, 37.3798 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

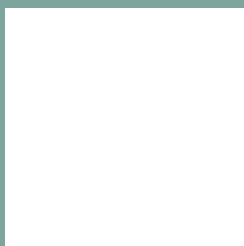
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.0841, 33.7389, 37.3798

Background



This preview shows how black text looks on a background with the XYZ color 28.0841, 33.7389, 37.3798.

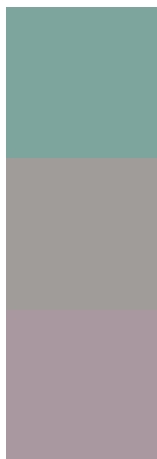


This preview shows how white text looks on a background with the XYZ color 28.0841, 33.7389,

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

28.0841, 33.7389, 37.3798

Protanopia

32.1354, 33.5504, 34.9192

Deuteranopia

34.2388, 33.5757, 38.3944



Tritanopia

29.7115, 33.6029, 45.4775

Trichromacy



Original Color

28.0841, 33.7389, 37.3798

Protanomaly

30.3472, 33.3659, 35.8511

Deuteranomaly

31.7286, 33.5220, 38.0558

Tritanomaly

29.1607, 33.6482, 42.4939

Monochromacy



Original Color

28.0841, 33.7389, 37.3798

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.0450, 32.1978, 35.2558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0841, 33.7389, 37.3798 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(125, 165, 158)` looks like.

```
.text, #text, p{  
    color:rgb(125, 165, 158)  
}
```

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(125, 165, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 165, 158) }
```

Border

The CSS property to change the border of an element to XYZ 28.0841, 33.7389, 37.3798 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(125, 165, 158) }
```


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

```
.border{ border-color:rgb(125, 165, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 165, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 165, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 165, 158);  
box-shadow:4px 4px 4px 4px rgb(125, 165,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0841, 33.7389, 37.3798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 165, 158) }
```

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

```
.background{ background-color: rgb(125,  
165, 158) }
```

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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