

Converting Colors

XYZ(28.3032, 34.5742, 41.5177)

Have a look what the booklet for
XYZ(28.3032, 34.5742, 41.5177)
contains.

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Color

**XYZ(28.3138, 34.5772,
41.7410)**

Conversions

Conversions Part 1

Format	Color
Hex	75A8A7
RGB	117, 168, 167
RGB Percent	46%, 66%, 65%
CMY	0.5412, 0.3412, 0.3451
CMYK	0.30, 0.00, 0.01, 0.34
HSL	179°, 23%, 56%
HSV	179°, 30%, 66%
XYZ	28.3138, 34.5772, 41.7410
YIQ	152.6370, -30.0750, -11.1230

Conversions

Conversions Part 2

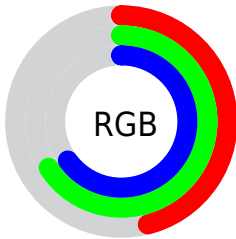
Format	Color
RYB	117, 143, 168
Decimal	7710887
CIELab	65.42, -17.01, -4.91
CIElCh	65, 17.705, 196.109
Yxy	34.5772, 0.2706, 0.3305
Android (android.graphics.Color)	4285900967 (0xFF75A8A7)
YUV	152.6370, 7.0810, -31.2536
Hunter-Lab	58.8024, -16.9550, -0.9255

Details

The XYZ color **28.3138, 34.5772, 41.7410** is a light color, and the websafe version is hex **669999**. A complement of this color would be **25.7810, 22.3564, 20.0973**, and the grayscale version is **30.1010, 31.6686, 34.4871**.

A 20% lighter version of the original color is **56.3671, 66.7072, 79.0122**, and **11.5867, 14.8868, 18.4824** is the 20% darker color. If you saturate the color by 10%, you get **26.2258, 33.5052, 41.4849**, and if you desaturate by 10%, it is **30.8090, 35.8609, 42.0180**.

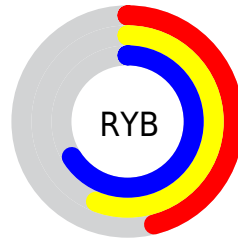
Distribution



Red (46%)

Green (66%)

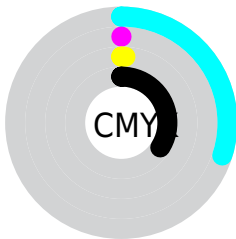
Blue (65%)



Red (46%)

Yellow (56%)

Blue (66%)

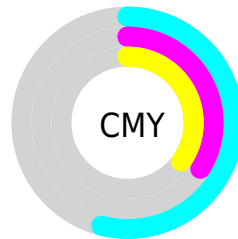


Cyan (30%)

Magenta (0%)

Yellow (1%)

Black (34%)



Cyan (54%)

Magenta (34%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3138, 34.5772, 41.7410 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 28.3138, 34.5772, 41.7410 by changing the saturation by 10% instead.

■ 28.3138, 34.5772,
41.7410

■ 28.3138, 34.5772,
41.7410

286.0163,
322.6982, 369.1761

■ 18.7040, 23.3374,
28.5745

■ 56.3902, 66.8303,
79.0733

■ 11.5593, 14.8428,
18.5164

■ 75.5875, 88.6123,
104.0763

■ 6.5144, 8.7091,
11.1481

■ 98.7114, 114.6772,
133.8617

■ 3.2039, 4.5520,
6.0511

126.1271,
145.4093, 168.8483

■ 1.2625, 1.9869,
2.8069

158.2001,
181.1931, 209.4544

■ 0.1549, 0.5998,
0.9969

195.2958,

■ 0.0000, 0.0000,

222.4129, 256.0988

0.0000

237.7794,
269.4531, 309.1998

■ 28.3138, 34.5772,
41.7410

■ 28.3138, 34.5772,
41.7410

■ 26.2258, 33.5052,
41.4849

■ 30.8090, 35.8609,
42.0180

■ 24.5203, 32.6295,
41.2464

■ 33.7285, 37.3624,
42.3146

■ 23.1747, 31.9393,
41.0251

■ 37.0920, 39.0928,
42.6323

■ 22.1625, 31.4210,
40.8199

■ 40.9171, 41.0611,
42.9721

■ 21.4540, 31.0592,
40.6292

■ 45.2204, 43.2760,
43.3346

■ 21.0138, 30.8358,
40.4516

■ 50.0179, 45.7456,
43.7207

■ 20.7677, 30.7123,
40.2890

■ 55.3245, 48.4777,
44.1310

■ 61.1547, 51.4797,
44.5662

■ 62.4963, 52.1677,
44.7917

Harmonies

Analogous

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



28.2687, 34.5772, 34.3312



28.3138, 34.5772, 41.7410



29.5354, 34.5772, 48.8758

Triad

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



28.3138, 34.5772, 41.7410



36.5810, 34.5772, 48.4134



34.0733, 34.5772, 25.4443

Complementary

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



28.3138, 34.5772, 41.7410



25.7810, 22.3564, 20.0973

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.



36.4350, 34.5772, 28.2877



28.3138, 34.5772, 41.7410



37.9334, 34.5772, 41.1733

Square

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



28.3138, 34.5772, 41.7410



34.2641, 34.5772, 53.0597



37.8786, 34.5772, 33.8330



31.5038, 34.5772, 25.5543

Rectangle

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



28.3138, 34.5772, 41.7410



30.8910, 34.5772, 52.2328



37.8786, 34.5772, 33.8330



34.9205, 34.5772, 26.0685

Sweetspot

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



28.3148, 34.5786, 41.7418



61.8873, 68.1488, 76.8495



24.7812, 33.1918, 21.9309



13.3136, 14.7634, 16.7328



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



28.3148, 34.5786, 41.7418



48.9065, 61.4746, 75.4457



24.4086, 26.6173, 40.8986



7.7411, 8.5295, 9.6227



15.6846, 23.1926, 30.4357



0.3835, 0.5650, 0.7506

Inverse Universe

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



25.7810, 22.3564, 20.0973



43.6086, 35.9159, 30.1871



28.8560, 28.6012, 20.8300



7.5369, 7.5446, 7.8783



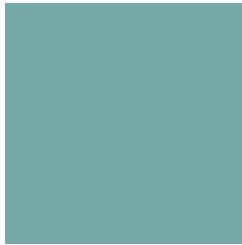
12.2106, 6.2929, 0.6545



0.2989, 0.1538, 0.0254

Previews

White Background



This preview shows how the XYZ color 28.3138, 34.5772, 41.7410 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 28.3138, 34.5772, 41.7410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

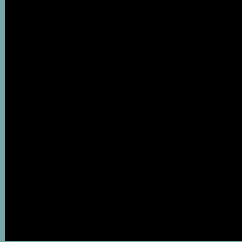
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.3138, 34.5772, 41.7410

Background



This preview shows how black text looks on a background with the XYZ color 28.3138, 34.5772, 41.7410.

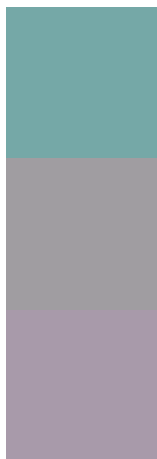


This preview shows how white text looks on a background with the XYZ color 28.3138, 34.5772,

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

28.3138, 34.5772, 41.7410

Protanopia

32.9872, 34.1607, 38.5733

Deuteranopia

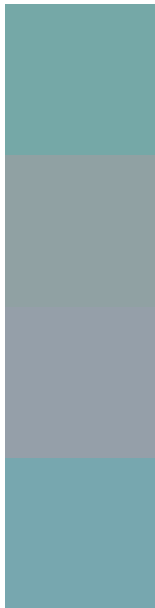
34.9597, 34.3383, 42.8156



Tritanopia

29.5186, 34.5202, 47.7551

Trichromacy



Original Color

28.3138, 34.5772, 41.7410

Protanomaly

30.8573, 34.0634, 39.5989

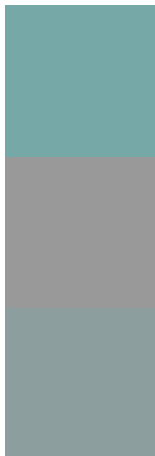
Deuteranomaly

31.9540, 34.0504, 42.4243

Tritanomaly

29.1643, 34.6545, 45.7093

Monochromacy



Original Color

28.3138, 34.5772, 41.7410

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.2136, 32.4978, 37.0807

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3138, 34.5772, 41.7410 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(117, 168, 167)` looks like.

```
.text, #text, p{  
    color:rgb(117, 168, 167)  
}
```

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(117, 168, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 168, 167) }
```

Border

The CSS property to change the border of an element to XYZ 28.3138, 34.5772, 41.7410 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(117, 168, 167) }
```


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

```
.border{ border-color:rgb(117, 168, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 168, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 168, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 168, 167);  
box-shadow:4px 4px 4px 4px rgb(117, 168,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3138, 34.5772, 41.7410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 168, 167) }
```

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

```
.background{ background-color: rgb(117,  
168, 167) }
```

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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