

Converting Colors

XYZ(28.9514, 34.8664, 43.4792)

Have a look what the booklet for
XYZ(28.9514, 34.8664, 43.4792)
contains.

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Color

**XYZ(28.8661, 34.8295,
43.2316)**

Conversions

Conversions Part 1

Format	Color
Hex	77A8AA
RGB	119, 168, 170
RGB Percent	47%, 66%, 67%
CMY	0.5333, 0.3412, 0.3333
CMYK	0.30, 0.01, 0.00, 0.33
HSL	182°, 23%, 57%
HSV	182°, 30%, 67%
XYZ	28.8661, 34.8295, 43.2316
YIQ	153.5770, -29.8460, -9.7660

Conversions

Conversions Part 2

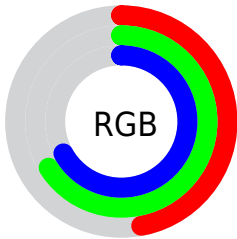
Format	Color
RYB	119, 144, 170
Decimal	7841962
CIELab	65.62, -15.70, -6.28
CIElCh	66, 16.913, 201.800
Yxy	34.8295, 0.2700, 0.3257
Android (android.graphics.Color)	4286032042 (0xFF77A8AA)
YUV	153.5770, 8.0965, -30.3240
Hunter-Lab	59.0165, -15.9712, -2.1204

Details

The XYZ color **28.8661, 34.8295, 43.2316** is a light color, and the websafe version is hex **669999**. A complement of this color would be **26.7452, 23.5530, 20.5901**, and the grayscale version is **30.5058, 32.0945, 34.9509**.

A 20% lighter version of the original color is **57.2119, 67.0958, 81.1696**, and **11.8993, 15.0277, 19.4130** is the 20% darker color. If you saturate the color by 10%, you get **26.6161, 33.4884, 43.0919**, and if you desaturate by 10%, it is **31.5361, 36.3898, 43.3926**.

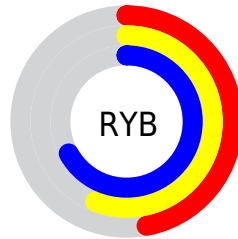
Distribution



Red (47%)

Green (66%)

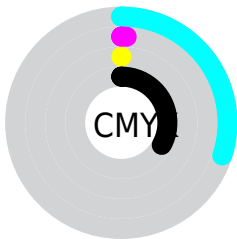
Blue (67%)



Red (47%)

Yellow (56%)

Blue (67%)

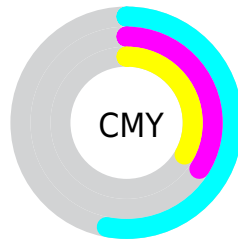


Cyan (30%)

Magenta (1%)

Yellow (0%)

Black (33%)



Cyan (53%)

Magenta (34%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8661, 34.8295, 43.2316 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 28.8661, 34.8295, 43.2316 by changing the saturation by 10% instead.

■ 28.8661, 34.8295,
43.2316

■ 28.8661, 34.8295,
43.2316

288.5883,
323.8151, 375.5125

■ 19.1233, 23.5316,
29.7341

■ 57.2633, 67.2216,
81.3503

■ 11.8640, 14.9865,
19.3865

■ 76.6485, 89.0845,
106.8087

■ 6.7226, 8.8099,
11.7703

■ 99.9784, 115.2378,
137.0911

■ 3.3340, 4.6174,
6.4668

127.6186,
146.0660, 172.6160

■ 1.3328, 2.0246,
3.0576

159.9343,
181.9534, 213.8021

■ 0.2075, 0.6217,
1.1241

197.2909,

■ 0.0000, 0.0000,

223.2845, 261.0679

0.0000

240.0538,
270.4436, 314.8318

■ 28.8661, 34.8295,
43.2316

■ 28.8661, 34.8295,
43.2316

■ 26.6161, 33.4884,
43.0919

■ 31.5361, 36.3898,
43.3926

■ 24.7609, 32.3508,
42.9701

■ 34.6436, 38.1757,
43.5736

■ 23.2770, 31.4057,
42.8659

■ 38.2089, 40.1986,
43.7761

■ 22.1375, 30.6390,
42.7780

■ 42.2502, 42.4678,
44.0011

■ 21.3118, 30.0349,
42.7049

■ 46.7844, 44.9920,
44.2493

■ 20.7638, 29.5750,
42.6450

■ 51.8280, 47.7798,
44.5216

■ 20.4137, 29.2180,
42.5946

■ 57.3963, 50.8390,
44.8186

■ 20.4137, 29.2180,
42.5945

■ 63.5030, 54.1767,
45.1410

■ 63.6314, 54.4334,
45.1838

Harmonies

Analogous

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



28.5998, 34.8295, 36.0062



28.8661, 34.8295, 43.2316



30.2386, 34.8295, 49.7164

Triad

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



28.8661, 34.8295, 43.2316



37.0002, 34.8295, 47.0239



33.7901, 34.8295, 25.9351

Complementary

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



28.8661, 34.8295, 43.2316



26.7452, 23.5530, 20.5901

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.



36.1458, 34.8295, 28.1604



28.8661, 34.8295, 43.2316



38.0587, 34.8295, 39.9075

Square

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



28.8661, 34.8295, 43.2316



34.9094, 34.8295, 52.0895



37.7385, 34.8295, 33.0685



31.3627, 34.8295, 26.5911

Rectangle

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



28.8661, 34.8295, 43.2316



31.6354, 34.8295, 52.4533



37.7385, 34.8295, 33.0685



34.6182, 34.8295, 26.3599

Sweetspot

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



28.8671, 34.8309, 43.2324



63.3647, 69.5549, 79.0876



25.4160, 34.0452, 23.2254



13.9386, 15.4014, 17.6258



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



28.8671, 34.8309, 43.2324



49.5761, 61.5329, 78.2660



24.6566, 26.4099, 41.8289



7.7220, 8.4809, 9.6483



15.0261, 21.5124, 31.3358



0.3730, 0.5383, 0.7649

Inverse Universe

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



30.2431, 24.5677, 40.1954



52.4984, 39.9470, 71.7690



30.2178, 30.4982, 21.7476



7.8290, 7.6615, 9.4168



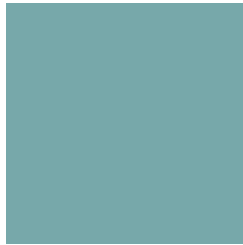
17.0851, 8.2427, 26.3233



0.4194, 0.2020, 0.6602

Previews

White Background



This preview shows how the XYZ color 28.8661, 34.8295, 43.2316 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 28.8661, 34.8295, 43.2316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

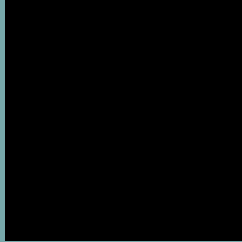
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.8661, 34.8295, 43.2316

Background



This preview shows how black text looks on a background with the XYZ color 28.8661, 34.8295, 43.2316.

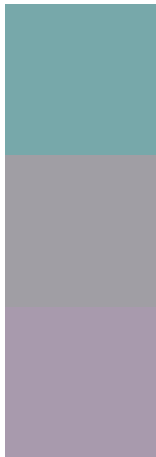


This preview shows how white text looks on a background with the XYZ color 28.8661, 34.8295,

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

28.8661, 34.8295, 43.2316

Protanopia

33.4249, 34.6076, 40.0402

Deuteranopia

35.2469, 34.4532, 44.3276



Tritanopia

29.7596, 34.6327, 48.2963

Trichromacy



Original Color

28.8661, 34.8295, 43.2316

Protanomaly

31.4803, 34.6136, 41.0983

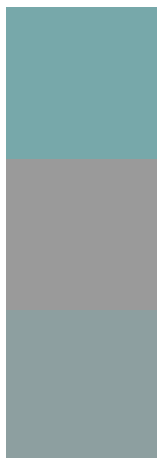
Deuteranomaly

32.4222, 34.2589, 43.9335

Tritanomaly

29.4009, 34.7651, 46.2350

Monochromacy



Original Color

28.8661, 34.8295, 43.2316

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

29.7278, 32.9971, 38.0600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8661, 34.8295, 43.2316 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(119, 168, 170)` looks like.

```
.text, #text, p{  
    color:rgb(119, 168, 170)  
}
```

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(119, 168, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 168, 170) }
```

Border

The CSS property to change the border of an element to XYZ 28.8661, 34.8295, 43.2316 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(119, 168, 170) }
```


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

```
.border{ border-color:rgb(119, 168, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 168, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 168, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 168, 170);  
box-shadow:4px 4px 4px 4px rgb(119, 168,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8661, 34.8295, 43.2316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 168, 170) }
```

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

```
.background{ background-color: rgb(119,  
168, 170) }
```

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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