

Converting Colors

XYZ(28.4756, 33.7742, 42.9266)

Have a look what the booklet for
XYZ(28.4756, 33.7742, 42.9266)
contains.

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Color

**XYZ(28.5960, 33.8775,
43.0621)**

Conversions

Conversions Part 1

Format	Color
Hex	79A5AA
RGB	121, 165, 170
RGB Percent	47%, 65%, 67%
CMY	0.5255, 0.3529, 0.3333
CMYK	0.29, 0.03, 0.00, 0.33
HSL	186°, 22%, 57%
HSV	186°, 29%, 67%
XYZ	28.5960, 33.8775, 43.0621
YIQ	152.4140, -27.8290, -7.7730

Conversions

Conversions Part 2

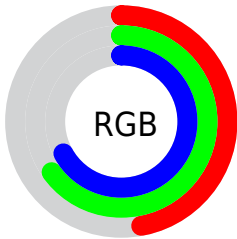
Format	Color
RYB	121, 144, 170
Decimal	7972266
CIELab	64.87, -13.52, -7.38
CIElCh	65, 15.405, 208.636
Yxy	33.8775, 0.2710, 0.3210
Android (android.graphics.Color)	4286162346 (0xFF79A5AA)
YUV	152.4140, 8.6699, -27.5501
Hunter-Lab	58.2044, -14.1600, -3.1222

Details

The XYZ color **28.5960, 33.8775, 43.0621** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.4901, 24.8485, 21.4372**, and the grayscale version is **29.9970, 31.5592, 34.3680**.

A 20% lighter version of the original color is **56.8630, 65.7366, 80.9256**, and **11.7009, 14.4204, 19.3062** is the 20% darker color. If you saturate the color by 10%, you get **26.1100, 32.1356, 42.8575**, and if you desaturate by 10%, it is **31.5081, 35.8471, 43.2893**.

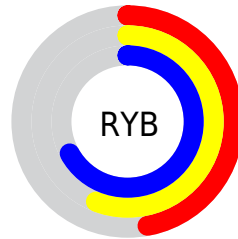
Distribution



Red (47%)

Green (65%)

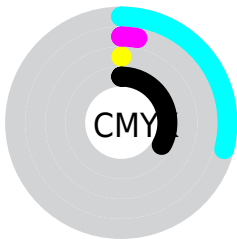
Blue (67%)



Red (47%)

Yellow (56%)

Blue (67%)

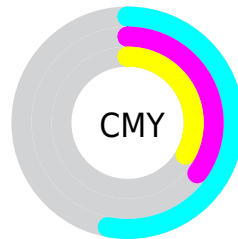


Cyan (29%)

Magenta (3%)

Yellow (0%)

Black (33%)



Cyan (53%)

Magenta (35%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5960, 33.8775, 43.0621 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 28.5960, 33.8775, 43.0621 by changing the saturation by 10% instead.

■ 28.5960, 33.8775,
43.0621

■ 28.5960, 33.8775,
43.0621

287.3327,
319.5855, 374.7958

■ 18.9182, 22.7995,
29.6021

■ 56.8366, 65.7431,
81.0919

■ 11.7148, 14.4455,
19.2873

■ 76.1301, 87.2995,
106.4988

■ 6.6206, 8.4312,
11.6991

■ 99.3595, 113.1176,
136.7251

■ 3.2702, 4.3721,
6.4191

126.8901,
143.5816, 172.1892

■ 1.2982, 1.8838,
3.0287

159.0874,
179.0760, 213.3099

■ 0.1819, 0.5386,
1.1093

196.3167,

■ 0.0000, 0.0000,

219.9852, 260.5055

0.0000

238.9434,
266.6935, 314.1946

■ 28.5960, 33.8775,
43.0621

■ 28.5960, 33.8775,
43.0621

■ 26.1100, 32.1356,
42.8575

■ 31.5081, 35.8471,
43.2893

■ 24.0251, 30.6058,
42.6721

■ 34.8637, 38.0508,
43.5378

■ 22.3181, 29.2772,
42.5056

■ 38.6829, 40.4998,
43.8093

■ 20.9624, 28.1358,
42.3567

■ 42.9838, 43.2035,
44.1044

■ 19.9278, 27.1662,
42.2241

■ 47.7833, 46.1707,
44.4242

■ 19.1791, 26.3502,
42.1061

■ 53.0976, 49.4096,
44.7693

■ 18.6500, 25.6535,
41.9995

■ 58.9422, 52.9284,
45.1404

■ 18.5916, 25.5738,
41.9872

■ 64.5910, 56.3527,
45.5037

■ 64.9404, 57.0516,
45.6201

Harmonies

Analogous

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



28.1173, 33.8775, 36.5965



28.5960, 33.8775, 43.0621



30.0282, 33.8775, 48.3428

Triad

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



28.5960, 33.8775, 43.0621



35.9842, 33.8775, 43.6235



32.3013, 33.8775, 25.9640

Complementary

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



28.5960, 33.8775, 43.0621



27.4901, 24.8485, 21.4372

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.



34.4731, 33.8775, 27.4007



28.5960, 33.8775, 43.0621



36.6589, 33.8775, 37.1787

Square

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



28.5960, 33.8775, 43.0621



34.2892, 33.8775, 48.6923



36.0938, 33.8775, 31.3321



30.1966, 33.8775, 27.1627

Rectangle

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



28.5960, 33.8775, 43.0621



31.3656, 33.8775, 50.2192



36.0938, 33.8775, 31.3321



33.0481, 33.8775, 26.1514

Sweetspot

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



28.5970, 33.8789, 43.0629



63.0346, 68.8947, 78.9776



26.0200, 34.3189, 24.9584



13.8536, 15.2316, 17.5975



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.



28.5970, 33.8789, 43.0629



48.7305, 59.2710, 77.8740



24.6076, 25.9000, 41.7331



7.6812, 8.3994, 9.6347



13.6994, 18.8591, 30.8936



0.3514, 0.4950, 0.7577

Inverse Universe

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



30.2073, 24.9382, 38.8203



52.2109, 40.3653, 68.6108



30.9997, 31.8678, 22.6071



7.8084, 7.6532, 9.3084



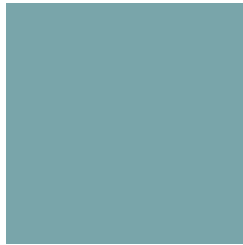
16.4154, 7.9749, 22.7970



0.4085, 0.1977, 0.6027

Previews

White Background



This preview shows how the XYZ color 28.5960, 33.8775, 43.0621 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 28.5960, 33.8775, 43.0621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

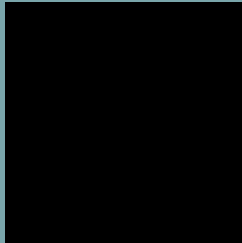
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.5960, 33.8775, 43.0621

Background



This preview shows how black text looks on a background with the XYZ color 28.5960, 33.8775, 43.0621.

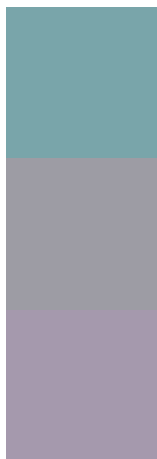


This preview shows how white text looks on a background with the XYZ color 28.5960, 33.8775,

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

28.5960, 33.8775, 43.0621

Protanopia

32.4939, 33.6254, 39.8997

Deuteranopia

34.4511, 33.7989, 44.2432



Tritanopia

29.3797, 33.9362, 46.5968

Trichromacy



Original Color

28.5960, 33.8775, 43.0621

Protanomaly

30.7827, 33.4787, 40.9160

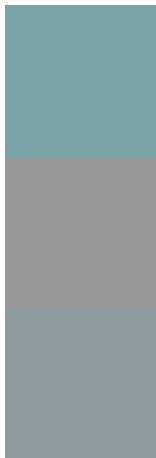
Deuteranomaly

31.8978, 33.4821, 43.8112

Tritanomaly

28.9415, 33.7445, 45.0324

Monochromacy



Original Color

28.5960, 33.8775, 43.0621

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.2995, 32.2799, 37.4873

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5960, 33.8775, 43.0621 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(121, 165, 170)` looks like.

```
.text, #text, p{  
    color:rgb(121, 165, 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(121, 165, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 165, 170) }
```

Border

The CSS property to change the border of an element to XYZ 28.5960, 33.8775, 43.0621 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(121, 165, 170) }
```


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

```
.border{ border-color:rgb(121, 165, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 165, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 165, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 165, 170);  
box-shadow:4px 4px 4px 4px rgb(121, 165,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5960, 33.8775, 43.0621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 165, 170) }
```

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

```
.background{ background-color: rgb(121,  
165, 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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