

Converting Colors

XYZ(29.2813, 35.0492, 43.2378)

Have a look what the booklet for
XYZ(29.2813, 35.0492, 43.2378)
contains.

XYZ(29.2844, 35.0451, 43.2511)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(29.2844, 35.0451,
43.2511)**

Conversions

Conversions Part 1

Format	Color
Hex	7AA8AA
RGB	122, 168, 170
RGB Percent	48%, 66%, 67%
CMY	0.5216, 0.3412, 0.3333
CMYK	0.28, 0.01, 0.00, 0.33
HSL	182°, 22%, 57%
HSV	182°, 28%, 67%
XYZ	29.2844, 35.0451, 43.2511
YIQ	154.4740, -28.0580, -9.1300

Conversions

Conversions Part 2

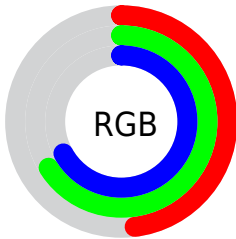
Format	Color
RYB	122, 145, 170
Decimal	8038570
CIELab	65.78, -14.81, -6.01
CIELCh	66, 15.986, 202.095
Yxy	35.0451, 0.2722, 0.3258
Android (android.graphics.Color)	4286228650 (0xFF7AA8AA)
YUV	154.4740, 7.6543, -28.4797
Hunter-Lab	59.1989, -15.2980, -1.8784

Details

The XYZ color **29.2844, 35.0451, 43.2511** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.2986, 24.3668, 21.6777**, and the grayscale version is **30.9006, 32.5098, 35.4032**.

A 20% lighter version of the original color is **57.8828, 67.4417, 81.2010**, and **12.1139, 15.1384, 19.4231** is the 20% darker color. If you saturate the color by 10%, you get **26.9547, 33.6516, 43.1055**, and if you desaturate by 10%, it is **32.0379, 36.6600, 43.4183**.

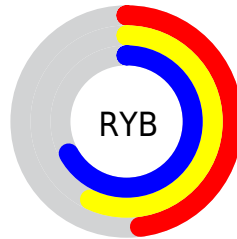
Distribution



Red (48%)

Green (66%)

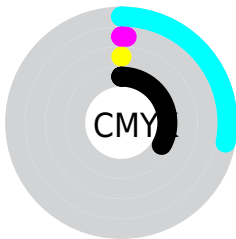
Blue (67%)



Red (48%)

Yellow (57%)

Blue (67%)

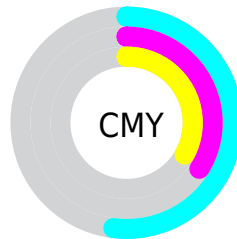


Cyan (28%)

Magenta (1%)

Yellow (0%)

Black (33%)



Cyan (52%)

Magenta (34%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2844, 35.0451, 43.2511 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 29.2844, 35.0451, 43.2511 by changing the saturation by 10% instead.

■ 29.2844, 35.0451,
43.2511

■ 29.2844, 35.0451,
43.2511

290.5245,
324.7674, 375.5949

■ 19.4414, 23.6976,
29.7493

■ 57.9231, 67.5556,
81.3801

■ 12.0956, 15.1095,
19.3980

■ 77.4495, 89.4875,
106.8443

■ 6.8815, 8.8962,
11.7785

■ 100.9344,
115.7162, 137.1332

■ 3.4337, 4.6736,
6.4723

128.7433,
146.6263, 172.6651

■ 1.3871, 2.0570,
3.0610

161.2413,
182.6020, 213.8587

■ 0.2470, 0.6403,
1.1258

198.7940,

■ 0.0000, 0.0000,

224.0278, 261.1325

0.0000

241.7666,
271.2882, 314.9051

■ 29.2844, 35.0451,
43.2511

■ 29.2844, 35.0451,
43.2511

■ 26.9547, 33.6516,
43.1055

■ 32.0379, 36.6600,
43.4183

■ 25.0239, 32.4638,
42.9780

■ 35.2326, 38.5024,
43.6055

■ 23.4690, 31.4709,
42.8683

■ 38.8884, 40.5836,
43.8145

■ 22.2635, 30.6592,
42.7752

■ 43.0233, 42.9129,
44.0462

■ 21.3776, 30.0133,
42.6972

■ 47.6542, 45.4989,
44.3013

■ 20.7764, 29.5152,
42.6327

■ 52.7973, 48.3501,
44.5805

■ 20.3994, 29.1337,
42.5790

■ 58.4679, 51.4742,
44.8847

■ 20.3396, 29.0700,
42.5698

■ 63.5671, 54.3049,
45.1623

■ 63.7038, 54.5783,
45.2079

Harmonies

Analogous

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



29.0193, 35.0451, 36.4010



29.2844, 35.0451, 43.2511



30.6021, 35.0451, 49.3419

Triad

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



29.2844, 35.0451, 43.2511



37.0144, 35.0451, 46.6997



33.9364, 35.0451, 26.6926

Complementary

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



29.2844, 35.0451, 43.2511



27.2986, 24.3668, 21.6777

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.



36.1716, 35.0451, 28.8065



29.2844, 35.0451, 43.2511



38.0026, 35.0451, 39.9710

Square

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



29.2844, 35.0451, 43.2511



35.0431, 35.0451, 51.4909



37.6871, 35.0451, 33.4816



31.6336, 35.0451, 27.3519

Rectangle

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



29.2844, 35.0451, 43.2511



31.9354, 35.0451, 51.8883



37.6871, 35.0451, 33.4816



34.7220, 35.0451, 27.0927

Sweetspot

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



29.2854, 35.0465, 43.2519



63.9804, 69.8893, 79.1197



26.0144, 34.3328, 24.1931



14.0651, 15.4694, 17.6323



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.



29.2854, 35.0465, 43.2519



50.3497, 61.9275, 78.3014



25.3165, 27.1086, 41.9289



7.7204, 8.4777, 9.6478



14.9723, 21.4047, 31.3179



0.3722, 0.5366, 0.7646

Inverse Universe

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



30.6058, 25.2932, 40.3163



53.1702, 41.2930, 71.9859



30.6184, 31.0065, 22.7843



7.8282, 7.6611, 9.4126



17.0579, 8.2319, 26.1802



0.4190, 0.2019, 0.6579

Previews

White Background



This preview shows how the XYZ color 29.2844, 35.0451, 43.2511 looks on a white background.

Color Contrast Check

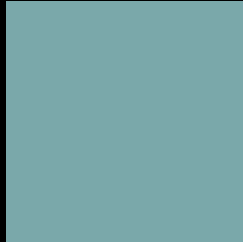
Large Text (above 18pt) WCAG AA × Fail

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 29.2844, 35.0451, 43.2511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

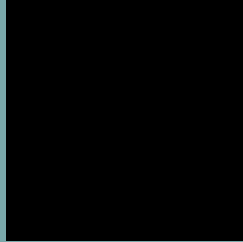
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.2844, 35.0451, 43.2511

Background



This preview shows how black text looks on a background with the XYZ color 29.2844, 35.0451, 43.2511.



This preview shows how white text looks on a background with the XYZ color 29.2844, 35.0451,

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

29.2844, 35.0451, 43.2511

Protanopia

33.6256, 34.7111, 40.0496

Deuteranopia

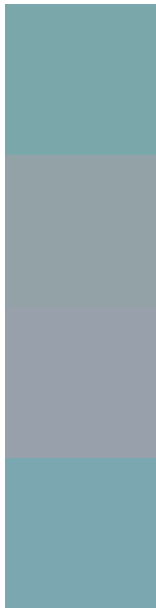
35.6264, 34.8948, 44.3928



Tritanopia

30.1866, 34.8528, 48.3163

Trichromacy



Original Color

29.2844, 35.0451, 43.2511

Protanomaly

31.8359, 34.7969, 41.1149

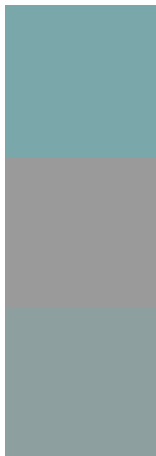
Deuteranomaly

32.9661, 34.7956, 44.0084

Tritanomaly

29.8236, 34.9830, 46.2548

Monochromacy



Original Color

29.2844, 35.0451, 43.2511

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

29.8986, 33.0851, 38.0679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2844, 35.0451, 43.2511 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(122, 168, 170)` looks like.

```
.text, #text, p{  
    color:rgb(122, 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(122, 168, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 168, 170) }
```

Border

The CSS property to change the border of an element to XYZ 29.2844, 35.0451, 43.2511 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(122, 168, 170) }
```


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

```
.border{ border-color:rgb(122, 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(122, 168, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 168, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 168, 170);  
box-shadow:4px 4px 4px 4px rgb(122, 168,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2844, 35.0451, 43.2511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 168, 170) }
```

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

```
.background{ background-color: rgb(122,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor