

Converting Colors

XYZ(29.2294, 35.1328, 44.7765)

Have a look what the booklet for
XYZ(29.2294, 35.1328, 44.7765)
contains.

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Color

**XYZ(29.3385, 35.3150,
44.8053)**

Conversions

Conversions Part 1

Format	Color
Hex	77A9AD
RGB	119, 169, 173
RGB Percent	47%, 66%, 68%
CMY	0.5333, 0.3372, 0.3216
CMYK	0.31, 0.02, 0.00, 0.32
HSL	184°, 25%, 57%
HSV	184°, 31%, 68%
XYZ	29.3385, 35.3150, 44.8053
YIQ	154.5060, -31.0840, -9.3560

Conversions

Conversions Part 2

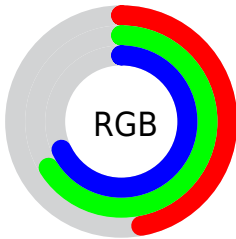
Format	Color
RYB	119, 145, 173
Decimal	7842221
CIELab	65.99, -15.51, -7.39
CIElCh	66, 17.179, 205.488
Yxy	35.3150, 0.2680, 0.3226
Android (android.graphics.Color)	4286032301 (0xFF77A9AD)
YUV	154.5060, 9.1175, -31.1388
Hunter-Lab	59.4264, -15.8718, -3.1039

Details

The XYZ color **29.3385, 35.3150, 44.8053** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.6467, 24.3822, 20.7025**, and the grayscale version is **30.9093, 32.5190, 35.4132**.

A 20% lighter version of the original color is **57.8928, 67.7970, 83.4336**, and **12.1964, 15.3320, 20.4057** is the 20% darker color. If you saturate the color by 10%, you get **26.9402, 33.7275, 44.6259**, and if you desaturate by 10%, it is **32.1735, 37.1328, 45.0074**.

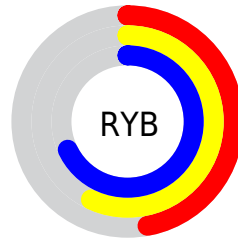
Distribution



Red (47%)

Green (66%)

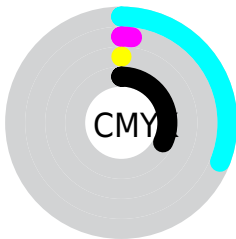
Blue (68%)



Red (47%)

Yellow (57%)

Blue (68%)

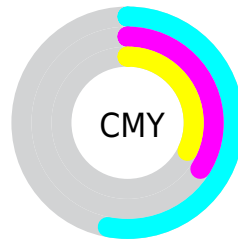


Cyan (31%)

Magenta (2%)

Yellow (0%)

Black (32%)



Cyan (53%)

Magenta (34%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3385, 35.3150, 44.8053 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 29.3385, 35.3150, 44.8053 by changing the saturation by 10% instead.

■ 29.3385, 35.3150,
44.8053

■ 29.3385, 35.3150,
44.8053

290.7742,
325.9565, 382.1216

■ 19.4826, 23.9056,
30.9623

■ 58.0083, 67.9735,
83.7435

■ 12.1256, 15.2636,
20.3119

■ 77.5529, 89.9913,
109.6758

■ 6.9021, 9.0046,
12.4356

■ 101.0579,
116.3142, 140.4749

■ 3.4467, 4.7442,
6.9150

128.8884,
147.3264, 176.5593

■ 1.3942, 2.0980,
3.3313

161.4100,
183.4123, 218.3477

■ 0.2521, 0.6635,
1.2662

198.9879,

■ 0.0000, 0.0000,

224.9564, 266.2585

0.0339

241.9875,
272.3430, 320.7102

■ 0.0000, 0.0000,
0.0000

■ 29.3385, 35.3150,
44.8053

■ 29.3385, 35.3150,
44.8053

■ 26.9402, 33.7275,
44.6259

■ 32.1735, 37.1328,
45.0074

■ 24.9518, 32.3539,
44.4655

■ 35.4636, 39.1879,
45.2306

■ 23.3488, 31.1824,
44.3239

■ 39.2303, 41.4922,
45.4768

■ 22.1026, 30.1982,
44.1996

■ 43.4924, 44.0553,
45.7469

■ 21.1804, 29.3846,
44.0912

■ 48.2680, 46.8867,
46.0418

■ 20.5438, 28.7216,
43.9968

■ 53.5742, 49.9951,
46.3621

■ 20.1472, 28.2257,
43.9220

■ 59.4273, 53.3889,
46.7087

■ 64.9531, 56.6176,
47.0406

■ 65.2115, 57.1344,
47.1267

Harmonies

Analogous

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



28.9189, 35.3150, 37.3597



29.3385, 35.3150, 44.8053



30.8683, 35.3150, 51.1984

Triad

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



29.3385, 35.3150, 44.8053



37.7629, 35.3150, 46.9539



33.9524, 35.3150, 26.1019

Complementary

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



29.3385, 35.3150, 44.8053



27.6467, 24.3822, 20.7025

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.



36.4162, 35.3150, 28.0190



29.3385, 35.3150, 44.8053



38.6857, 35.3150, 39.5654

Square

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



29.3385, 35.3150, 44.8053



35.7165, 35.3150, 52.5448



38.1809, 35.3150, 32.7297



31.5033, 35.3150, 27.1354

Rectangle

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



29.3385, 35.3150, 44.8053



32.3542, 35.3150, 53.6821



38.1809, 35.3150, 32.7297



34.8074, 35.3150, 26.4150

Sweetspot

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



29.3395, 35.3164, 44.8061



64.8289, 70.9943, 81.0922



26.1021, 35.2298, 24.0328



13.8913, 15.3070, 17.6101



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.



29.3395, 35.3164, 44.8061



49.6938, 61.3731, 80.0328



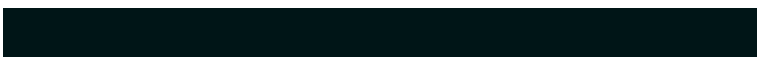
24.8838, 26.4050, 43.3209



8.1848, 8.9691, 10.2525



14.8191, 20.7721, 32.2729



0.4270, 0.6073, 0.9027

Inverse Universe

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



30.9926, 24.9432, 40.7188



53.1325, 40.1461, 71.4520



31.4066, 31.9021, 21.9558



8.3111, 8.1377, 9.9491



17.3436, 8.4000, 25.2528



0.4899, 0.2366, 0.7416

Previews

White Background



This preview shows how the XYZ color 29.3385, 35.3150, 44.8053 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 29.3385, 35.3150, 44.8053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

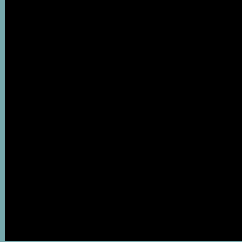
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.3385, 35.3150, 44.8053

Background



This preview shows how black text looks on a background with the XYZ color 29.3385, 35.3150, 44.8053.

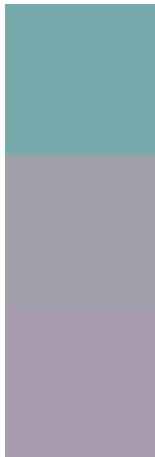


This preview shows how white text looks on a background with the XYZ color 29.3385, 35.3150,

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

29.3385, 35.3150, 44.8053

Protanopia

34.0711, 35.1634, 41.5507

Deuteranopia

35.7063, 34.9021, 45.9292



Tritanopia

30.2283, 35.4064, 48.9570

Trichromacy



Original Color

29.3385, 35.3150, 44.8053

Protanomaly

32.1127, 35.1700, 42.6321

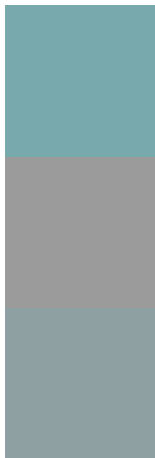
Deuteranomaly

32.8863, 34.7208, 45.5259

Tritanomaly

29.7842, 35.2127, 47.3464

Monochromacy



Original Color

29.3385, 35.3150, 44.8053

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.2477, 33.5010, 39.0545

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3385, 35.3150, 44.8053 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, 169, 173)` looks like.

```
.text, #text, p{  
    color:rgb(119, 169, 173)  
}
```

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, 169, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 169, 173) }
```

Border

The CSS property to change the border of an element to XYZ 29.3385, 35.3150, 44.8053 is called "border". The border property can be set on classes, ids or directly on the HTML element.

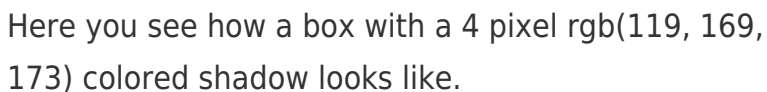
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 169, 173) }
```


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

```
.border{ border-color:rgb(119, 169, 173) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 169, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 169, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 169, 173);  
box-shadow:4px 4px 4px 4px rgb(119, 169,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3385, 35.3150, 44.8053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 169, 173) }
```

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

```
.background{ background-color: rgb(119,  
169, 173) }
```

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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