

Converting Colors

XYZ(29.4936, 33.2527, 44.3991)

Have a look what the booklet for
XYZ(29.4936, 33.2527, 44.3991)
contains.

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Color

**XYZ(29.4936, 33.2527,
44.3991)**

Conversions

Conversions Part 1

Format	Color
Hex	82A1AD
RGB	130, 161, 173
RGB Percent	51%, 63%, 68%
CMY	0.4902, 0.3686, 0.3216
CMYK	0.25, 0.07, 0.00, 0.32
HSL	197°, 21%, 59%
HSV	197°, 25%, 68%
XYZ	29.4936, 33.2527, 44.3991
YIQ	153.0990, -22.3280, -2.8400

Conversions

Conversions Part 2

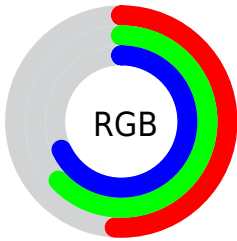
Format	Color
RYB	130, 148, 173
Decimal	8561069
CIELab	64.37, -7.89, -9.75
CIELCh	64, 12.545, 230.999
Yxy	33.2527, 0.2753, 0.3104
Android (android.graphics.Color)	4286751149 (0xFF82A1AD)
YUV	153.0990, 9.8112, -20.2578
Hunter-Lab	57.6652, -9.6179, -5.2845

Details

The XYZ color **29.4936, 33.2527, 44.3991** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.9362, 29.8420, 25.2494**, and the grayscale version is **30.2877, 31.8650, 34.7010**.

A 20% lighter version of the original color is **58.3266, 64.9035, 82.8523**, and **12.1443, 13.9800, 20.1475** is the 20% darker color. If you saturate the color by 10%, you get **26.2327, 30.3442, 44.0101**, and if you desaturate by 10%, it is **33.2352, 36.4590, 44.8213**.

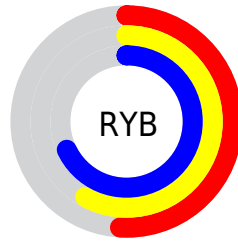
Distribution



Red (51%)

Green (63%)

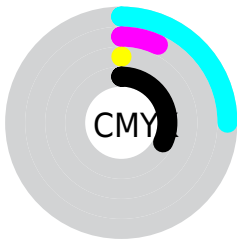
Blue (68%)



Red (51%)

Yellow (58%)

Blue (68%)

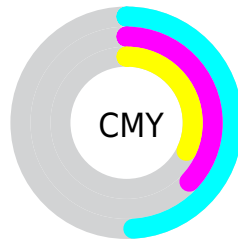


Cyan (25%)

Magenta (7%)

Yellow (0%)

Black (32%)



Cyan (49%)

Magenta (37%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4936, 33.2527, 44.3991 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 29.4936, 33.2527, 44.3991 by changing the saturation by 10% instead.

■ 29.4936, 33.2527,
44.3991

■ 29.4936, 33.2527,
44.3991

291.4892,
316.7869, 380.4233

■ 19.6007, 22.3201,
30.6449

■ 58.2526, 64.7699,
83.1268

■ 12.2117, 14.0923,
20.0724

■ 77.8493, 86.1232,
108.9374

■ 6.9612, 8.1849,
12.2631

■ 101.4114,
111.7189, 139.6039

■ 3.4840, 4.2135,
6.7984

129.3042,
141.9414, 175.5448

■ 1.4146, 1.7937,
3.2598

161.8930,
177.1750, 217.1786

■ 0.2666, 0.4832,
1.2288

199.5432,

■ 0.0000, 0.0000,

217.8042, 264.9240

0.0023

242.6201,
264.2134, 319.1994

■ 0.0000, 0.0000,
0.0000

■ 29.4936, 33.2527,
44.3991

■ 29.4936, 33.2527,
44.3991

■ 26.2327, 30.3442,
44.0101

■ 33.2352, 36.4590,
44.8213

■ 23.4270, 27.7174,
43.6510

■ 37.4757, 39.9705,
45.2756

■ 21.0527, 25.3602,
43.3211

■ 42.2357, 43.7993,
45.7638

■ 19.0828, 23.2583,
43.0192

■ 47.5341, 47.9556,
46.2867

■ 17.4872, 21.3954,
42.7438

■ 53.3886, 52.4489,
46.8455

■ 16.2308, 19.7529,
42.4930

■ 59.8160, 57.2885,
47.4409

■ 15.2713, 18.3085,
42.2647

■ 66.8324, 62.4831,
48.0737

■ 14.8424, 17.6160,
42.1537

■ 69.3494, 65.4101,
48.5060

■ 70.4823, 67.6760,
48.8837

Harmonies

Analogous

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



28.5072, 33.2527, 39.8461



29.4936, 33.2527, 44.3991



31.0715, 33.2527, 46.8138

Triad

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



29.4936, 33.2527, 44.3991



35.1199, 33.2527, 37.7670



30.3911, 33.2527, 27.7798

Complementary

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



29.4936, 33.2527, 44.3991



30.9362, 29.8420, 25.2494

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.



32.1460, 33.2527, 27.3364



29.4936, 33.2527, 44.3991



34.9210, 33.2527, 32.7957

Square

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



29.4936, 33.2527, 44.3991



34.3500, 33.2527, 42.7547



33.8163, 33.2527, 29.0894



29.0116, 33.2527, 30.3636

Rectangle

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



29.4936, 33.2527, 44.3991



32.2653, 33.2527, 46.7432



33.8163, 33.2527, 29.0894



30.9551, 33.2527, 27.3857

Sweetspot

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



29.4946, 33.2540, 44.3999



65.3140, 70.1093, 80.8958



28.9927, 36.5706, 30.9132



14.0982, 15.1574, 17.5703



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.



29.4946, 33.2540, 44.3999



49.4081, 56.5377, 79.1146



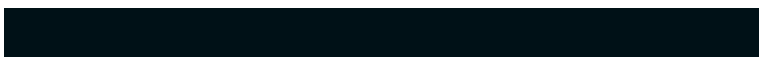
26.1324, 26.5296, 43.2791



8.0446, 8.6885, 10.2058



10.9537, 13.0413, 30.9844



0.3476, 0.4486, 0.8763

Inverse Universe

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



31.6500, 27.4235, 37.3449



54.0291, 44.4899, 63.8881



34.3547, 36.6791, 26.3889



8.2403, 8.1094, 9.5763



15.3926, 7.6196, 14.9785



0.4499, 0.2206, 0.5308

Previews

White Background



This preview shows how the XYZ color 29.4936, 33.2527, 44.3991 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 29.4936, 33.2527, 44.3991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

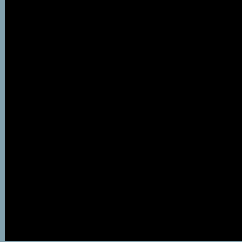
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.4936, 33.2527, 44.3991

Background



This preview shows how black text looks on a background with the XYZ color 29.4936, 33.2527, 44.3991.

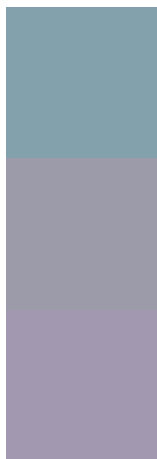


This preview shows how white text looks on a background with the XYZ color 29.4936, 33.2527,

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

29.4936, 33.2527, 44.3991

Protanopia

32.4003, 33.2758, 42.2513

Deuteranopia

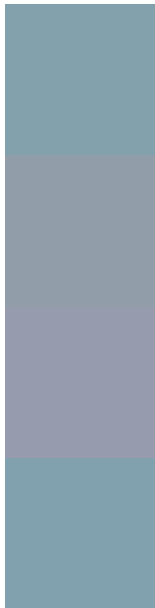
33.8664, 33.2330, 45.1871



Tritanopia

29.5908, 33.2916, 44.9107

Trichromacy



Original Color

29.4936, 33.2527, 44.3991

Protanomaly

31.1667, 33.1272, 42.7817

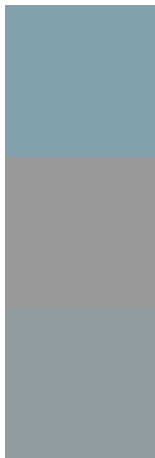
Deuteranomaly

31.9390, 32.9827, 44.7273

Tritanomaly

29.5908, 33.2916, 44.9107

Monochromacy



Original Color

29.4936, 33.2527, 44.3991

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.9107, 32.3347, 37.9225

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4936, 33.2527, 44.3991 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(130, 161, 173)` looks like.

```
.text, #text, p{  
    color:rgb(130, 161, 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(130, 161, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 161, 173) }
```

Border

The CSS property to change the border of an element to XYZ 29.4936, 33.2527, 44.3991 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(130, 161, 173) }
```


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

```
.border{ border-color:rgb(130, 161, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 161, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 161, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 161, 173);  
box-shadow:4px 4px 4px 4px rgb(130, 161,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4936, 33.2527, 44.3991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 161, 173) }
```

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

```
.background{ background-color: rgb(130,  
161, 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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