

Converting Colors

XYZ(29.0150, 35.8488, 36.8796)

Have a look what the booklet for
XYZ(29.0150, 35.8488, 36.8796)
contains.

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Color

**XYZ(29.0211, 35.8861,
36.8496)**

Conversions

Conversions Part 1

Format	Color
Hex	7DAB9C
RGB	125, 171, 156
RGB Percent	49%, 67%, 61%
CMY	0.5098, 0.3294, 0.3882
CMYK	0.27, 0.00, 0.09, 0.33
HSL	160°, 21%, 58%
HSV	160°, 27%, 67%
XYZ	29.0211, 35.8861, 36.8496
YIQ	155.5360, -22.6010, -14.4170

Conversions

Conversions Part 2

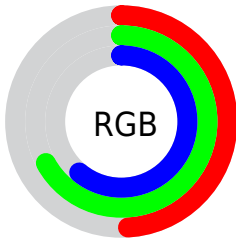
Format	Color
RYB	125, 152, 171
Decimal	8235932
CIELab	66.43, -18.63, 2.75
CIELCh	66, 18.827, 171.602
Yxy	35.8861, 0.2852, 0.3527
Android (android.graphics.Color)	4286426012 (0xFF7DAB9C)
YUV	155.5360, 0.2288, -26.7801
Hunter-Lab	59.9050, -18.3591, 5.4622

Details

The XYZ color **29.0211, 35.8861, 36.8496** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **28.8631, 25.2195, 28.1590**, and the grayscale version is **31.4004, 33.0356, 35.9758**.

A 20% lighter version of the original color is **57.4196, 68.6296, 71.1933**, and **11.9707, 15.6694, 15.7582** is the 20% darker color. If you saturate the color by 10%, you get **26.2752, 34.5248, 34.3128**, and if you desaturate by 10%, it is **32.2205, 37.4806, 39.5224**.

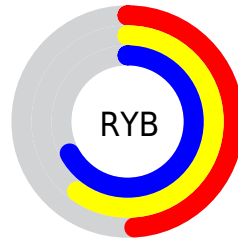
Distribution



Red (49%)

Green (67%)

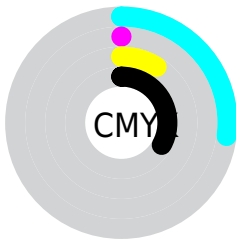
Blue (61%)



Red (49%)

Yellow (60%)

Blue (67%)

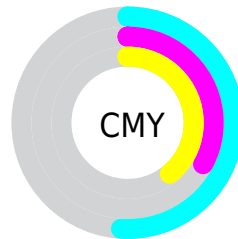


Cyan (27%)

Magenta (0%)

Yellow (9%)

Black (33%)



Cyan (51%)


Magenta (33%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.0211, 35.8861, 36.8496 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 29.0211, 35.8861, 36.8496 by changing the saturation by 10% instead.

 29.0211, 35.8861,
36.8496


 29.0211, 35.8861,
36.8496


289.3069,
328.4624, 347.8080


 19.2411, 24.3462,
24.7962


 57.5079, 68.8562,
71.5251

 11.9497, 15.5907,
15.7076


 76.9455, 91.0553,
94.9844

 6.7814, 9.2350,
9.1654


 100.3330,
117.5762, 123.0826

 3.3709, 4.8948,
4.7509

128.0358,
148.8034, 156.2384

 1.3528, 2.1856,
2.0457

160.4193,
185.1212, 194.8703

 0.2222, 0.7122,
0.5832

197.8487,

 0.0000, 0.0000,

226.9140, 239.3968

0.0000

240.6894,
274.5663, 290.2365

■ 29.0211, 35.8861,
36.8496

■ 29.0211, 35.8861,
36.8496

■ 26.2752, 34.5248,
34.3128

■ 32.2205, 37.4806,
39.5224

■ 23.9574, 33.3808,
31.9070

■ 35.8912, 39.3145,
42.3311

■ 22.0446, 32.4431,
29.6303

■ 40.0535, 41.3993,
45.2790

■ 20.5100, 31.6980,
27.4799

■ 44.7257, 43.7444,
48.3683

■ 19.3233, 31.1299,
25.4528

■ 49.9252, 46.3587,
51.6012

■ 18.4498, 30.7209,
23.5457

■ 55.6685, 49.2506,
54.9798

■ 17.8386, 30.4448,
21.7546

■ 61.9713, 52.4283,
58.5063

■ 17.6716, 30.3704,
21.2214

■ 66.3010, 54.5861,
62.0634

■ 66.9676, 54.8527,
65.5733

Harmonies

Analogous

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



30.0334, 35.8861, 30.2009



29.0211, 35.8861, 36.8496



29.3118, 35.8861, 45.0740

Triad

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



29.0211, 35.8861, 36.8496



36.1440, 35.8861, 55.3625



37.5884, 35.8861, 28.1240

Complementary

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



29.0211, 35.8861, 36.8496



28.8631, 25.2195, 28.1590

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.



39.4022, 35.8861, 33.6314



29.0211, 35.8861, 36.8496



38.5368, 35.8861, 49.5340

Square

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



29.0211, 35.8861, 36.8496



33.3229, 35.8861, 56.5365



39.7586, 35.8861, 41.3859



34.9067, 35.8861, 25.6375

Rectangle

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



29.0211, 35.8861, 36.8496



30.2128, 35.8861, 50.3171



39.7586, 35.8861, 41.3859



38.3258, 35.8861, 29.6442

Sweetspot

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



29.0221, 35.8876, 36.8504



63.4139, 69.9758, 75.1722



29.1372, 36.2125, 24.8566



13.9165, 15.4923, 16.5956



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.



29.0221, 35.8876, 36.8504



49.0914, 62.8381, 63.3907



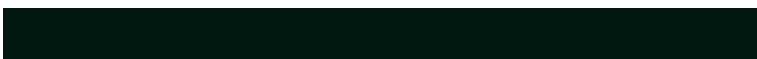
28.9657, 33.6146, 43.4914



8.1235, 9.0270, 9.6756



13.3462, 22.9037, 16.1285



0.3950, 0.6466, 0.5735

Inverse Universe

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



28.8631, 25.2195, 28.1590



48.7630, 40.6498, 45.3257



28.8393, 26.8235, 23.0600



8.1089, 8.0568, 8.8843



13.2164, 6.7491, 3.5191



0.3932, 0.1980, 0.2324

Previews

White Background



This preview shows how the XYZ color 29.0211, 35.8861, 36.8496 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 29.0211, 35.8861, 36.8496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

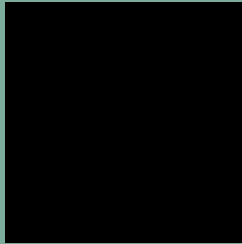
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.0211, 35.8861, 36.8496

Background



This preview shows how black text looks on a background with the XYZ color 29.0211, 35.8861, 36.8496.

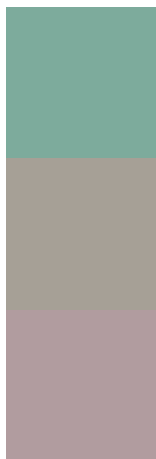


This preview shows how white text looks on a background with the XYZ color 29.0211, 35.8861,

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

29.0211, 35.8861, 36.8496

Protanopia

33.8017, 35.4506, 33.9153

Deuteranopia

36.2779, 35.6272, 37.7656



Tritanopia

31.3651, 35.7195, 48.9575

Trichromacy



Original Color

29.0211, 35.8861, 36.8496

Protanomaly

31.7055, 35.3972, 34.8671

Deuteranomaly

33.0170, 35.2275, 37.4072

Tritanomaly

30.3511, 35.5730, 44.2963

Monochromacy



Original Color

29.0211, 35.8861, 36.8496

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.4227, 33.9098, 36.3943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0211, 35.8861, 36.8496 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(125, 171, 156)` looks like.

```
.text, #text, p{  
    color:rgb(125, 171, 156)  
}
```

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(125, 171, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 171, 156) }
```

Border

The CSS property to change the border of an element to XYZ 29.0211, 35.8861, 36.8496 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(125, 171, 156) }
```


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

```
.border{ border-color:rgb(125, 171, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 171, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 171, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 171, 156);  
box-shadow:4px 4px 4px 4px rgb(125, 171,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0211, 35.8861, 36.8496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 171, 156) }
```

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

```
.background{ background-color: rgb(125,  
171, 156) }
```

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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