

Converting Colors

XYZ(29.4866, 35.9539, 28.7729)

Have a look what the booklet for
XYZ(29.4866, 35.9539, 28.7729)
contains.

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Color

**XYZ(29.4661, 36.0160,
28.6913)**

Conversions

Conversions Part 1

Format	Color
Hex	8BAA88
RGB	139, 170, 136
RGB Percent	55%, 67%, 53%
CMY	0.4549, 0.3333, 0.4667
CMYK	0.18, 0.00, 0.20, 0.33
HSL	115°, 17%, 60%
HSV	115°, 20%, 67%
XYZ	29.4661, 36.0160, 28.6913
YIQ	156.8550, -7.5620, -17.1460

Conversions

Conversions Part 2

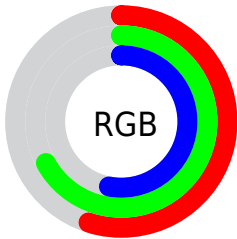
Format	Color
RYB	136, 170, 167
Decimal	9153160
CIELab	66.53, -17.34, 14.08
CIELCh	67, 22.335, 140.934
Yxy	36.0160, 0.3129, 0.3824
Android (android.graphics.Color)	4287343240 (0xFF8BAA88)
YUV	156.8550, -10.2815, -15.6588
Hunter-Lab	60.0133, -17.3812, 13.6638

Details

The XYZ color **29.4661, 36.0160, 28.6913** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **31.9977, 28.7271, 41.8905**, and the grayscale version is **32.0306, 33.6987, 36.6979**.

A 20% lighter version of the original color is **58.1028, 68.8620, 58.3735**, and **12.1826, 15.7035, 11.1931** is the 20% darker color. If you saturate the color by 10%, you get **25.9454, 34.3307, 22.7121**, and if you desaturate by 10%, it is **33.5475, 37.9702, 35.6986**.

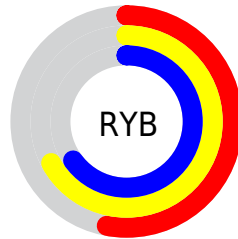
Distribution



Red (55%)

Green (67%)

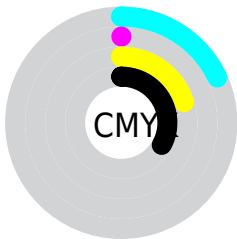
Blue (53%)



Red (53%)

Yellow (67%)

Blue (65%)

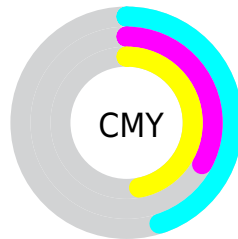


Cyan (18%)

Magenta (0%)

Yellow (20%)

Black (33%)



Cyan (45%)

Magenta (33%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4661, 36.0160, 28.6913 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 29.4661, 36.0160, 28.6913 by changing the saturation by 10% instead.

■ 29.4661, 36.0160,
28.6913

■ 29.4661, 36.0160,
28.6913

291.3625,
329.0305, 309.7709

■ 19.5798, 24.4466,
18.6039

■ 58.2093, 69.0568,
58.6226

■ 12.1964, 15.6652,
11.2105

■ 77.7968, 91.2969,
79.3035

■ 6.9507, 9.2876,
6.0926

■ 101.3487,
117.8626, 104.3526

■ 3.4774, 4.9292,
2.8318

129.2305,
149.1385, 134.1886

■ 1.4109, 2.2058,
1.0094

161.8074,
185.5088, 169.2298

■ 0.2640, 0.7231,
0.0000

199.4448,

■ 0.0000, 0.0000,

227.3580, 209.8949

0.0000

242.5081,
275.0704, 256.6024

■ 29.4661, 36.0160,
28.6913

■ 29.4661, 36.0160,
28.6913

■ 25.9454, 34.3307,
22.7121

■ 33.5475, 37.9702,
35.6986

■ 22.9580, 32.8983,
17.7105

■ 38.2094, 40.1996,
43.7767

■ 20.4787, 31.7078,
13.6353

■ 43.4746, 42.7158,
52.9688

■ 18.4792, 30.7459,
10.4294

■ 49.3634, 45.5287,
63.3148

■ 16.9282, 29.9978,
8.0299

■ 55.8953, 48.6475,
74.8529

■ 15.7907, 29.4471,
6.3649

■ 63.0892, 52.0809,
87.6193

■ 15.0266, 29.0749,
5.3503

■ 70.9621, 55.8373,
101.6453

■ 14.5724, 28.8524,
4.8010

■ 73.6654, 57.2309,
101.7718

Harmonies

Analogous

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



31.9797, 36.0160, 24.3735



29.4661, 36.0160, 28.6913



28.2516, 36.0160, 36.3771

Triad

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



29.4661, 36.0160, 28.6913



33.2262, 36.0160, 60.4225



40.6142, 36.0160, 32.9807

Complementary

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



29.4661, 36.0160, 28.6913



31.9977, 28.7271, 41.8905

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.



41.0021, 36.0160, 42.1974



29.4661, 36.0160, 28.6913



36.5879, 36.0160, 59.1138

Square

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



29.4661, 36.0160, 28.6913



30.3274, 36.0160, 55.3706



39.4862, 36.0160, 52.0415



38.4584, 36.0160, 26.5545

Rectangle

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



29.4661, 36.0160, 28.6913



28.2838, 36.0160, 42.8232



39.4862, 36.0160, 52.0415



40.9610, 36.0160, 35.8159

Sweetspot

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



29.4671, 36.0175, 28.6921



64.0298, 70.4031, 70.2372



34.7686, 37.8165, 28.7599



14.1628, 15.6447, 15.4623



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.



29.4671, 36.0175, 28.6921



50.5065, 63.9315, 47.0205



30.0021, 36.1745, 34.0877



7.4958, 8.4382, 8.0229



10.7409, 21.2344, 3.5325



0.2798, 0.5262, 0.0868

Inverse Universe

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



31.9977, 28.7271, 41.8905



55.9404, 48.2707, 75.3707



31.4177, 28.5692, 35.4902



7.7757, 7.6325, 9.4817



15.3056, 7.2738, 28.5728



0.3907, 0.1864, 0.6960

Previews

White Background



This preview shows how the XYZ color 29.4661, 36.0160, 28.6913 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 29.4661, 36.0160, 28.6913 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 29.4661, 36.0160, 28.6913

Background



This preview shows how black text looks on a background with the XYZ color 29.4661, 36.0160, 28.6913.



This preview shows how white text looks on a background with the XYZ color 29.4661, 36.0160,

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

29.4661, 36.0160, 28.6913

Protanopia

33.7043, 35.8136, 26.9661

Deuteranopia

36.3891, 35.6211, 29.3837



Tritanopia

33.0653, 35.8362, 46.7693

Trichromacy



Original Color

29.4661, 36.0160, 28.6913

Protanomaly

31.8072, 35.6153, 27.3883

Deuteranomaly

33.3067, 35.3014, 29.1032

Tritanomaly

31.4855, 35.7207, 39.4177

Monochromacy



Original Color

29.4661, 36.0160, 28.6913

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

30.9228, 34.4946, 33.4621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4661, 36.0160, 28.6913 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(139, 170, 136)` looks like.

```
.text, #text, p{  
    color:rgb(139, 170, 136)  
}
```

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(139, 170, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 170, 136) }
```

Border

The CSS property to change the border of an element to XYZ 29.4661, 36.0160, 28.6913 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(139, 170, 136) }
```


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

```
.border{ border-color:rgb(139, 170, 136) }
```

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

Here you see how a box with a 4 pixel rgb(139, 170, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 170, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 170, 136);  
box-shadow:4px 4px 4px 4px rgb(139, 170,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4661, 36.0160, 28.6913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 170, 136) }
```

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

```
.background{ background-color: rgb(139,  
170, 136) }
```

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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