

Converting Colors

XYZ(29.0877, 37.6769, 37.2941)

Have a look what the booklet for
XYZ(29.0877, 37.6769, 37.2941)
contains.

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Color

**XYZ(29.0590, 37.6265,
37.1836)**

Conversions

Conversions Part 1

Format	Color
Hex	75B19C
RGB	117, 177, 156
RGB Percent	46%, 69%, 61%
CMY	0.5412, 0.3059, 0.3882
CMYK	0.34, 0.00, 0.12, 0.31
HSL	159°, 28%, 58%
HSV	159°, 34%, 69%
XYZ	29.0590, 37.6265, 37.1836
YIQ	156.6660, -29.0190, -19.2510

Conversions

Conversions Part 2

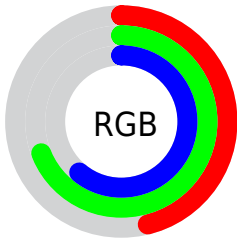
Format	Color
RYB	117, 153, 177
Decimal	7713180
CIELab	67.74, -24.13, 4.59
CIELCh	68, 24.565, 169.228
Yxy	37.6265, 0.2798, 0.3622
Android (android.graphics.Color)	4285903260 (0xFF75B19C)
YUV	156.6660, -0.3283, -34.7871
Hunter-Lab	61.3404, -22.7844, 6.9977

Details

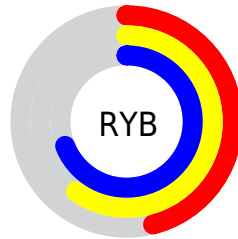
The XYZ color **29.0590, 37.6265, 37.1836** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.0815, 23.9056, 27.1276**, and the grayscale version is **31.9094, 33.5712, 36.5590**.

A 20% lighter version of the original color is **57.5664, 71.5889, 71.7567**, and **11.9374, 16.5590, 15.9316** is the 20% darker color. If you saturate the color by 10%, you get **26.3908, 36.3111, 34.3901**, and if you desaturate by 10%, it is **32.2057, 39.1875, 40.1408**.

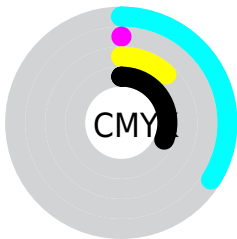
Distribution



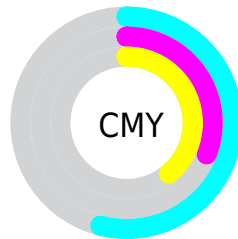
- Red (46%)
- Green (69%)
- Blue (61%)



- Red (46%)
- Yellow (60%)
- Blue (69%)



- Cyan (34%)
- Magenta (0%)
- Yellow (12%)
- Black (31%)



- Cyan (54%)
- Magenta (31%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0590, 37.6265, 37.1836 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 29.0590, 37.6265, 37.1836 by changing the saturation by 10% instead.

■ 29.0590, 37.6265,
37.1836

■ 29.0590, 37.6265,
37.1836

289.4824,
336.0150, 349.2973

■ 19.2700, 25.6929,
25.0528

■ 57.5677, 71.5353,
72.0446

■ 11.9707, 16.5941,
15.8970

■ 77.0181, 94.2793,
95.6118

■ 6.7958, 9.9455,
9.2977

■ 100.4197,
121.3956, 123.8282

■ 3.3799, 5.3628,
4.8364

128.1378,
153.2686, 157.1123

■ 1.3577, 2.4617,
2.0946

160.5377,
190.2826, 195.8828

■ 0.2258, 0.8574,
0.6125

197.9849,

■ 0.0000, 0.0000,

232.8221, 240.5581

0.0000

240.8447,
281.2714, 291.5568

■ 29.0590, 37.6265,
37.1836

■ 29.0590, 37.6265,
37.1836

■ 26.3908, 36.3111,
34.3901

■ 32.2057, 39.1875,
40.1408

■ 24.1722, 35.2234,
31.7545

■ 35.8517, 41.0018,
43.2624

■ 22.3759, 34.3504,
29.2742

■ 40.0201, 43.0821,
46.5520

■ 20.9702, 33.6758,
26.9456

■ 44.7317, 45.4394,
50.0128

■ 19.9187, 33.1809,
24.7647

■ 50.0062, 48.0835,
53.6474

■ 19.1777, 32.8432,
22.7274

■ 55.8622, 51.0241,
57.4587

■ 18.8201, 32.6846,
21.5510

■ 62.3176, 54.2703,
61.4492

■ 68.0507, 57.1408,
65.5589

■ 68.8164, 57.4471,
69.5909

Harmonies

Analogous

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



30.5135, 37.6265, 28.7742



29.0590, 37.6265, 37.1836



29.3023, 37.6265, 48.2483

Triad

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



29.0590, 37.6265, 37.1836



38.2217, 37.6265, 64.0545



40.7461, 37.6265, 27.0857

Complementary

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



29.0590, 37.6265, 37.1836



29.0815, 23.9056, 27.1276

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.



43.1094, 37.6265, 34.4611



29.0590, 37.6265, 37.1836



41.5822, 37.6265, 56.1979

Square

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



29.0590, 37.6265, 37.1836



34.4155, 37.6265, 65.1355



43.4258, 37.6265, 45.0027



37.1449, 37.6265, 23.6688

Rectangle

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



29.0590, 37.6265, 37.1836



30.3999, 37.6265, 55.6667



43.4258, 37.6265, 45.0027



41.7222, 37.6265, 29.1167

Sweetspot

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



29.0601, 37.6280, 37.1845



66.8779, 74.7618, 79.6389



29.5817, 38.2192, 22.6481



14.2775, 16.0943, 17.0859



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.0601, 37.6280, 37.1845



48.2430, 65.5116, 62.6644



29.4611, 35.3336, 46.8641



8.6138, 9.5800, 10.2259



13.6648, 23.6919, 15.7694



0.4563, 0.7560, 0.6349

Inverse Universe

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



29.0815, 23.9056, 27.1276



48.2931, 37.0214, 41.8128



28.6771, 25.2996, 20.2020



8.6151, 8.5528, 9.4716



13.7923, 7.0345, 4.0662



0.4622, 0.2326, 0.2768

Previews

White Background



This preview shows how the XYZ color 29.0590, 37.6265, 37.1836 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 29.0590, 37.6265, 37.1836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

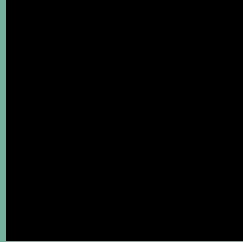
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.0590, 37.6265, 37.1836

Background



This preview shows how black text looks on a background with the XYZ color 29.0590, 37.6265, 37.1836.

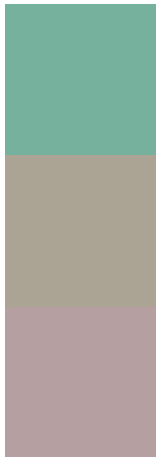


This preview shows how white text looks on a background with the XYZ color 29.0590, 37.6265,

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

29.0590, 37.6265, 37.1836

Protanopia

35.4949, 37.3788, 33.7778

Deuteranopia

38.0347, 37.2794, 38.4487



Tritanopia

32.1187, 37.7174, 52.0417

Trichromacy



Original Color

29.0590, 37.6265, 37.1836

Protanomaly

32.6180, 37.2222, 35.1712

Deuteranomaly

33.9948, 37.0447, 38.1595

Tritanomaly

30.7591, 37.4322, 46.1614

Monochromacy



Original Color

29.0590, 37.6265, 37.1836

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

30.5166, 34.7360, 36.9946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0590, 37.6265, 37.1836 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(117, 177, 156)` looks like.

```
.text, #text, p{  
    color:rgb(117, 177, 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(117, 177, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 177, 156) }
```

Border

The CSS property to change the border of an element to XYZ 29.0590, 37.6265, 37.1836 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(117, 177, 156) }
```


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

```
.border{ border-color:rgb(117, 177, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 177, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 177, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 177, 156);  
box-shadow:4px 4px 4px 4px rgb(117, 177,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0590, 37.6265, 37.1836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 177, 156) }
```

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

```
.background{ background-color: rgb(117,  
177, 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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