

Converting Colors

XYZ(29.3073, 37.5998, 17.7694)

Have a look what the booklet for
XYZ(29.3073, 37.5998, 17.7694)
contains.

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Color

**XYZ(29.3073, 37.5998,
17.7694)**

Conversions

Conversions Part 1

Format	Color
Hex	91AF64
RGB	145, 175, 100
RGB Percent	57%, 69%, 39%
CMY	0.4314, 0.3137, 0.6078
CMYK	0.17, 0.00, 0.43, 0.31
HSL	84°, 32%, 54%
HSV	84°, 43%, 69%
XYZ	29.3073, 37.5998, 17.7694
YIQ	157.4800, 6.1950, -29.6850

Conversions

Conversions Part 2

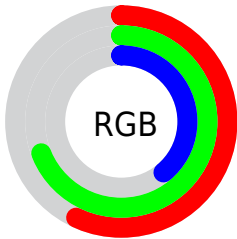
Format	Color
RYB	100, 175, 130
Decimal	9547620
CIELab	67.72, -23.09, 35.06
CIELCh	68, 41.978, 123.370
Yxy	37.5998, 0.3461, 0.4440
Android (android.graphics.Color)	4287737700 (0xFF91AF64)
YUV	157.4800, -28.3376, -10.9450
Hunter-Lab	61.3187, -21.9935, 25.7416

Details

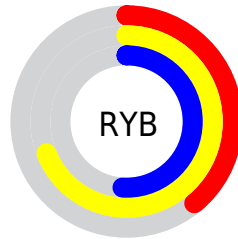
The XYZ color **29.3073, 37.5998, 17.7694** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.5025, 16.9563, 42.6992**, and the grayscale version is **32.3870, 34.0736, 37.1062**.

A 20% lighter version of the original color is **58.0628, 71.6982, 40.4847**, and **12.0713, 16.4852, 5.6777** is the 20% darker color. If you saturate the color by 10%, you get **27.3541, 36.6816, 13.7216**, and if you desaturate by 10%, it is **31.5204, 38.6333, 22.7806**.

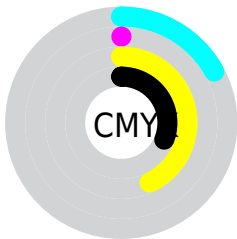
Distribution



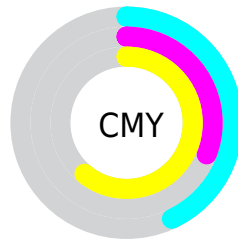
- Red (57%)
- Green (69%)
- Blue (39%)



- Red (39%)
- Yellow (69%)
- Blue (51%)



- Cyan (17%)
- Magenta (0%)
- Yellow (43%)
- Black (31%)



- Cyan (43%)
- Magenta (31%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3073, 37.5998, 17.7694 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 29.3073, 37.5998, 17.7694 by changing the saturation by 10% instead.

■ 29.3073, 37.5998,
17.7694

■ 29.3073, 37.5998,
17.7694

290.6302,
335.9001, 251.7604

■ 19.4589, 25.6722,
10.6168

■ 57.9592, 71.4943,
40.4526

■ 12.1083, 16.5786,
5.6989

■ 77.4933, 94.2301,
56.8203

■ 6.8902, 9.9345,
2.5971

■ 100.9867,
121.3373, 77.0969

■ 3.4392, 5.3555,
0.8909

■ 128.8047,
153.2005, 101.7007

■ 1.3901, 2.4574,
0.0000

161.3127,
190.2039, 131.0505

■ 0.2491, 0.8552,
0.0000

198.8761,

■ 0.0000, 0.0000,

232.7321, 165.5646

0.0000

241.8601,
281.1694, 205.6617

■ 29.3073, 37.5998,
17.7694

■ 29.3073, 37.5998,
17.7694

■ 27.3541, 36.6816,
13.7216

■ 31.5204, 38.6333,
22.7806

■ 25.6448, 35.8684,
10.5729

■ 34.0026, 39.7820,
28.8093

■ 24.1659, 35.1558,
8.2547


■ 36.7661, 41.0524,
35.9085


■ 22.9008, 34.5370,
6.6876


■ 39.8212, 42.4486,
44.1266


■ 21.8301, 34.0041,
5.7770


■ 43.1780, 43.9749,
53.5094

 21.1559, 33.6645,
5.3829

 46.8456, 45.6350,
64.0999

 50.8331, 47.4328,
75.9388

 55.1491, 49.3716,
89.0652

 59.3955, 51.2926,
101.3777

Harmonies

Analogous

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



35.0093, 37.5998, 14.6341



29.3073, 37.5998, 17.7694



25.7083, 37.5998, 26.9269

Triad

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



29.3073, 37.5998, 17.7694



30.4340, 37.5998, 81.8865



49.6887, 37.5998, 38.8758

Complementary

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



29.3073, 37.5998, 17.7694



21.5025, 16.9563, 42.6992

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.



48.0851, 37.5998, 59.1261



29.3073, 37.5998, 17.7694



36.4757, 37.5998, 87.9467

Square

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



29.3073, 37.5998, 17.7694



26.3014, 37.5998, 63.8955



43.0455, 37.5998, 78.5983



47.1971, 37.5998, 24.2690

Rectangle

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



29.3073, 37.5998, 17.7694



24.7259, 37.5998, 36.9531



43.0455, 37.5998, 78.5983



49.6117, 37.5998, 45.2034

Sweetspot

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



29.3082, 37.6015, 17.7702



65.6524, 73.4319, 63.8055



27.9635, 26.0006, 15.6019



14.3438, 16.2072, 13.5330



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.



29.3082, 37.6015, 17.7702



49.3095, 65.8443, 25.2086



23.7551, 34.7387, 17.5103



8.3479, 9.1680, 8.5430



15.2205, 24.1435, 3.8580



0.4829, 0.7023, 0.1101

Inverse Universe

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



21.5025, 16.9563, 42.6992



33.5691, 24.1764, 75.5341



28.3387, 20.4805, 43.0191



7.8708, 7.9077, 10.0642



7.4161, 3.1830, 29.2680



0.2691, 0.1209, 0.8171

Previews

White Background



This preview shows how the XYZ color 29.3073, 37.5998, 17.7694 looks on a white background.

Color Contrast Check

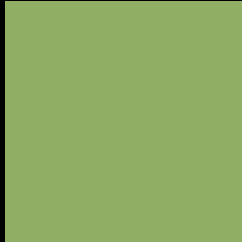
Large Text (above 18pt) WCAG AA × Fail

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 29.3073, 37.5998, 17.7694 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 29.3073, 37.5998, 17.7694

Background



This preview shows how black text looks on a background with the XYZ color 29.3073, 37.5998, 17.7694.



This preview shows how white text looks on a background with the XYZ color 29.3073, 37.5998,

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

29.3073, 37.5998, 17.7694

Protanopia

34.3888, 37.4581, 16.4840

Deuteranopia

38.1088, 37.2555, 18.2792



Tritanopia

35.4832, 37.5950, 48.0342

Trichromacy



Original Color

29.3073, 37.5998, 17.7694

Protanomaly

32.2820, 37.4545, 16.8373

Deuteranomaly

34.3140, 37.1139, 18.1871

Tritanomaly

32.6419, 37.2533, 34.3244

Monochromacy



Original Color

29.3073, 37.5998, 17.7694

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

30.8563, 35.1008, 28.4414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3073, 37.5998, 17.7694 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(145, 175, 100)` looks like.

```
.text, #text, p{  
    color:rgb(145, 175, 100)  
}
```

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(145, 175, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 175, 100) }
```

Border

The CSS property to change the border of an element to XYZ 29.3073, 37.5998, 17.7694 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(145, 175, 100) }
```


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

```
.border{ border-color:rgb(145, 175, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 175, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 175, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 175, 100);  
box-shadow:4px 4px 4px 4px rgb(145, 175,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3073, 37.5998, 17.7694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 175, 100) }
```

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

```
.background{ background-color: rgb(145,  
175, 100) }
```

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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