

Converting Colors

XYZ(28.9585, 37.5920, 32.1137)

Have a look what the booklet for
XYZ(28.9585, 37.5920, 32.1137)
contains.

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Color

**XYZ(29.0684, 37.7430,
32.1386)**

Conversions

Conversions Part 1

Format	Color
Hex	7CB190
RGB	124, 177, 144
RGB Percent	49%, 69%, 56%
CMY	0.5137, 0.3059, 0.4353
CMYK	0.30, 0.00, 0.19, 0.31
HSL	143°, 25%, 59%
HSV	143°, 30%, 69%
XYZ	29.0684, 37.7430, 32.1386
YIQ	157.3910, -20.9950, -21.4990

Conversions

Conversions Part 2

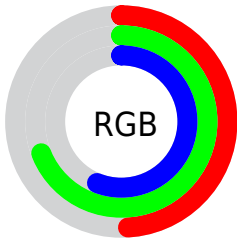
Format	Color
RYB	124, 162, 177
Decimal	8171920
CIELab	67.83, -24.47, 11.37
CIElCh	68, 26.982, 155.072
Yxy	37.7430, 0.2938, 0.3814
Android (android.graphics.Color)	4286362000 (0xFF7CB190)
YUV	157.3910, -6.6018, -29.2839
Hunter-Lab	61.4353, -23.0538, 11.9884

Details

The XYZ color **29.0684, 37.7430, 32.1386** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **31.4263, 26.1977, 35.3003**, and the grayscale version is **32.2604, 33.9405, 36.9612**.

A 20% lighter version of the original color is **57.6921, 71.8200, 64.2480**, and **11.9757, 16.6399, 13.1703** is the 20% darker color. If you saturate the color by 10%, you get **25.9348, 36.2213, 27.8076**, and if you desaturate by 10%, it is **32.7454, 39.5375, 36.9260**.

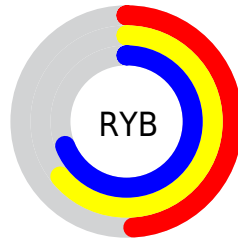
Distribution



Red (49%)

Green (69%)

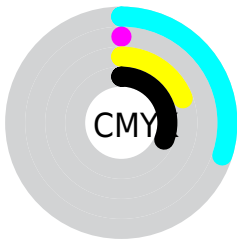
Blue (56%)



Red (49%)

Yellow (64%)

Blue (69%)

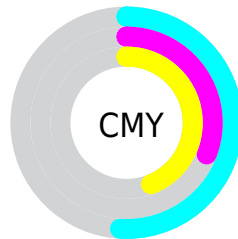


Cyan (30%)

Magenta (0%)

Yellow (19%)

Black (31%)



Cyan (51%)


Magenta (31%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.0684, 37.7430, 32.1386 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 29.0684, 37.7430, 32.1386 by changing the saturation by 10% instead.


 29.0684, 37.7430,
32.1386


 29.0684, 37.7430,
32.1386


289.5259,
336.5162, 326.2623


 19.2771, 25.7833,
21.2017


 57.5825, 71.7141,
64.1287

 11.9759, 16.6616,
13.0788

 77.0361, 94.4942,
86.0190

 6.7993, 9.9935,
7.3515

 100.4412,
121.6499, 112.3976

 3.3821, 5.3947,
3.6011

128.1630,
153.5656, 143.6828

 1.3589, 2.4806,
1.4092

160.5671,
190.6257, 180.2934

 0.2267, 0.8669,
0.1489

198.0187,

 0.0000, 0.0000,

233.2146, 222.6478

0.0000

240.8832,
281.7166, 271.1646

■ 29.0684, 37.7430,
32.1386

■ 29.0684, 37.7430,
32.1386

■ 25.9348, 36.2213,
27.8076

■ 32.7454, 39.5375,
36.9260

■ 23.3148, 34.9540,
23.9170

■ 36.9878, 41.6126,
42.1801

■ 21.1799, 33.9279,
20.4533

■ 41.8201, 43.9818,
47.9143

■ 19.4978, 33.1265,
17.4018

■ 47.2641, 46.6562,
54.1404

■ 18.2318, 32.5313,
14.7463

■ 53.3409, 49.6462,
60.8699

■ 17.3392, 32.1206,
12.4700

■ 60.0704, 52.9620,
68.1138

■ 16.7328, 31.8498,
10.5527

■ 67.4715, 56.6131,
75.8831

■ 16.7297, 31.8484,
10.5429

■ 71.5528, 58.5417,
84.0004

■ 73.1697, 59.1884,
92.5150

Harmonies

Analogous

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



31.4512, 37.7430, 24.9908



29.0684, 37.7430, 32.1386



28.4495, 37.7430, 43.1642

Triad

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



29.0684, 37.7430, 32.1386



36.5888, 37.7430, 68.5477



42.8608, 37.7430, 29.2390

Complementary

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



29.0684, 37.7430, 32.1386



31.4263, 26.1977, 35.3003

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.



44.4885, 37.7430, 39.0944



29.0684, 37.7430, 32.1386



40.6922, 37.7430, 62.9563

Square

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



29.0684, 37.7430, 32.1386



32.5920, 37.7430, 65.6992



43.6657, 37.7430, 51.5793



39.3684, 37.7430, 23.5586

Rectangle

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



29.0684, 37.7430, 32.1386



29.0758, 37.7430, 51.6404



43.6657, 37.7430, 51.5793



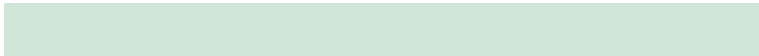
43.6560, 37.7430, 32.0941

Sweetspot

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



29.0694, 37.7446, 32.1394



66.8860, 74.8394, 76.3199



33.3771, 40.1265, 25.0554



14.2443, 16.0960, 16.2358



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.



29.0694, 37.7446, 32.1394



48.2105, 65.7243, 52.2940



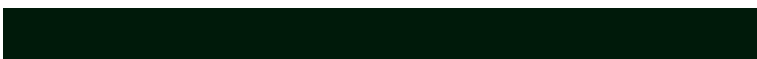
31.2850, 38.6308, 43.8064



8.5172, 9.5414, 9.7173



12.1482, 23.0852, 7.7831



0.4111, 0.7379, 0.3971

Inverse Universe

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



31.4263, 26.1977, 35.3003



53.1184, 41.6627, 58.8644



29.4415, 25.4038, 24.8488



8.7113, 8.5913, 9.9784



15.2146, 7.6034, 11.5559



0.5060, 0.2501, 0.5071

Previews

White Background



This preview shows how the XYZ color 29.0684, 37.7430, 32.1386 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 29.0684, 37.7430, 32.1386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

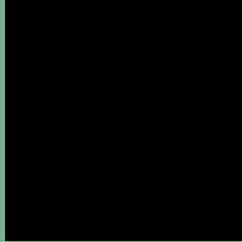
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.0684, 37.7430, 32.1386

Background



This preview shows how black text looks on a background with the XYZ color 29.0684, 37.7430, 32.1386.



This preview shows how white text looks on a background with the XYZ color 29.0684, 37.7430,

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

29.0684, 37.7430, 32.1386

Protanopia

35.3185, 37.3846, 29.3992

Deuteranopia

38.2369, 37.4992, 33.2397



Tritanopia

32.8356, 37.5341, 51.4131

Trichromacy



Original Color

29.0684, 37.7430, 32.1386

Protanomaly

32.6319, 37.3373, 30.2979

Deuteranomaly

34.2125, 37.2715, 32.9947

Tritanomaly

31.2525, 37.4565, 43.6129

Monochromacy



Original Color

29.0684, 37.7430, 32.1386

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

30.6200, 34.8377, 34.8163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0684, 37.7430, 32.1386 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(124, 177, 144)` looks like.

```
.text, #text, p{  
    color:rgb(124, 177, 144)  
}
```

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(124, 177, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 177, 144) }
```

Border

The CSS property to change the border of an element to XYZ 29.0684, 37.7430, 32.1386 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(124, 177, 144) }
```


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

```
.border{ border-color:rgb(124, 177, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 177, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 177, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 177, 144);  
box-shadow:4px 4px 4px 4px rgb(124, 177,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0684, 37.7430, 32.1386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 177, 144) }
```

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

```
.background{ background-color: rgb(124,  
177, 144) }
```

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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