

Converting Colors

XYZ(28.8130, 37.0123, 32.0600)

Have a look what the booklet for
XYZ(28.8130, 37.0123, 32.0600)
contains.

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Color

**XYZ(28.8215, 37.0335,
32.0147)**

Conversions

Conversions Part 1

Format	Color
Hex	7DAF90
RGB	125, 175, 144
RGB Percent	49%, 69%, 56%
CMY	0.5098, 0.3137, 0.4353
CMYK	0.29, 0.00, 0.18, 0.31
HSL	143°, 24%, 59%
HSV	143°, 29%, 69%
XYZ	28.8215, 37.0335, 32.0147
YIQ	156.5160, -19.8490, -20.2410

Conversions

Conversions Part 2

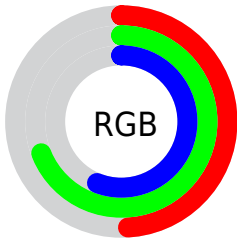
Format	Color
RYB	125, 161, 175
Decimal	8236944
CIELab	67.30, -23.15, 10.63
CIElCh	67, 25.471, 155.328
Yxy	37.0335, 0.2945, 0.3784
Android (android.graphics.Color)	4286427024 (0xFF7DAF90)
YUV	156.5160, -6.1704, -27.6395
Hunter-Lab	60.8552, -21.9575, 11.4073

Details

The XYZ color **28.8215, 37.0335, 32.0147** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **31.0149, 26.1825, 34.8732**, and the grayscale version is **31.8645, 33.5240, 36.5076**.

A 20% lighter version of the original color is **57.3594, 70.8128, 64.0711**, and **11.8040, 16.1831, 13.0912** is the 20% darker color. If you saturate the color by 10%, you get **25.6986, 35.5159, 27.7458**, and if you desaturate by 10%, it is **32.4763, 38.8182, 36.7262**.

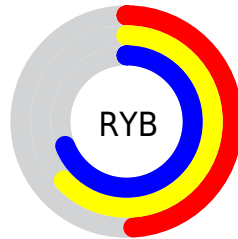
Distribution



Red (49%)

Green (69%)

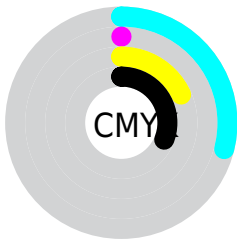
Blue (56%)



Red (49%)

Yellow (63%)

Blue (69%)

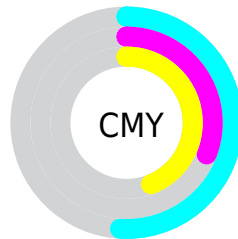


Cyan (29%)

Magenta (0%)

Yellow (18%)

Black (31%)



Cyan (51%)

Magenta (31%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8215, 37.0335, 32.0147 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 28.8215, 37.0335, 32.0147 by changing the saturation by 10% instead.

■ 28.8215, 37.0335,
32.0147

■ 28.8215, 37.0335,
32.0147

288.3812,
333.4555, 325.6810

■ 19.0894, 25.2334,
21.1078

■ 57.1929, 70.6243,
63.9323

■ 11.8393, 16.2511,
13.0108

■ 76.5629, 93.1838,
85.7801

■ 6.7058, 9.7020,
7.3052

■ 99.8763, 120.0986,
112.1120

■ 3.3235, 5.2018,
3.5724

127.4984,
151.7531, 143.3464

■ 1.3270, 2.3662,
1.3938

159.7946,
188.5316, 179.9020

■ 0.2033, 0.8084,
0.1369

197.1303,

■ 0.0000, 0.0000,

230.8186, 222.1973

0.0000

239.8707,
278.9984, 270.6508

■ 28.8215, 37.0335,
32.0147

■ 28.8215, 37.0335,
32.0147

■ 25.6986, 35.5159,
27.7458

■ 32.4763, 38.8182,
36.7262

■ 23.0787, 34.2476,
23.9042

■ 36.6840, 40.8774,
41.8902

■ 20.9347, 33.2159,
20.4771

■ 41.4682, 43.2241,
47.5193

■ 19.2356, 32.4053,
17.4503

■ 46.8501, 45.8690,
53.6249

■ 17.9464, 31.7978,
14.8086

■ 52.8498, 48.8222,
60.2181

■ 17.0267, 31.3730,
12.5359

■ 59.4866, 52.0935,
67.3094

■ 16.4068, 31.0953,
10.6138

■ 66.7788, 55.6922,
74.9091

■ 16.3288, 31.0605,
10.3662

■ 70.9670, 57.6798,
82.8505

■ 72.5461, 58.3114,
91.1657

Harmonies

Analogous

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



31.0428, 37.0335, 25.2307



28.8215, 37.0335, 32.0147



28.2551, 37.0335, 42.3484

Triad

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



28.8215, 37.0335, 32.0147



35.8995, 37.0335, 65.6778



41.6712, 37.0335, 29.1462

Complementary

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



28.8215, 37.0335, 32.0147



31.0149, 26.1825, 34.8732

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.



43.1970, 37.0335, 38.3636



28.8215, 37.0335, 32.0147



39.7111, 37.0335, 60.4806

Square

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



28.8215, 37.0335, 32.0147



32.1641, 37.0335, 63.1288



42.4546, 37.0335, 49.9575



38.4196, 37.0335, 23.8011

Rectangle

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



28.8215, 37.0335, 32.0147



28.8533, 37.0335, 50.2150



42.4546, 37.0335, 49.9575



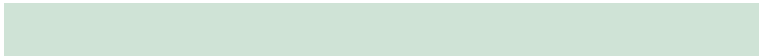
42.4135, 37.0335, 31.8240

Sweetspot

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



28.8225, 37.0350, 32.0155



65.2290, 72.9775, 74.4580



32.8726, 39.2769, 25.2513



14.2460, 16.0967, 16.2450



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.



28.8225, 37.0350, 32.0155



48.1415, 64.6337, 52.6431



30.8876, 37.8611, 42.8903



8.0257, 8.9878, 9.1603



11.7210, 22.2537, 7.5706



0.3532, 0.6299, 0.3534

Inverse Universe

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



31.0149, 26.1825, 34.8732



52.6855, 42.1277, 58.5569



29.1560, 25.4389, 25.0846



8.2061, 8.0957, 9.3961



14.6489, 7.3221, 11.0627



0.4330, 0.2139, 0.4421

Previews

White Background



This preview shows how the XYZ color 28.8215, 37.0335, 32.0147 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 28.8215, 37.0335, 32.0147 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 28.8215, 37.0335, 32.0147

Background



This preview shows how black text looks on a background with the XYZ color 28.8215, 37.0335, 32.0147.



This preview shows how white text looks on a background with the XYZ color 28.8215, 37.0335,

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

28.8215, 37.0335, 32.0147

Protanopia

34.6979, 36.8000, 29.3191

Deuteranopia

37.4099, 36.5663, 33.1033



Tritanopia

32.5948, 37.1549, 50.2534

Trichromacy



Original Color

28.8215, 37.0335, 32.0147

Protanomaly

32.0699, 36.4994, 30.1658

Deuteranomaly

33.6462, 36.4440, 32.8648

Tritanomaly

31.1199, 37.1154, 43.0599

Monochromacy



Original Color

28.8215, 37.0335, 32.0147

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 28.8215, 37.0335, 32.0147 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, 175, 144)` looks like.

```
.text, #text, p{  
    color:rgb(125, 175, 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(125, 175, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 175, 144) }
```

Border

The CSS property to change the border of an element to XYZ 28.8215, 37.0335, 32.0147 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, 175, 144) }
```


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

```
.border{ border-color:rgb(125, 175, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 175, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 175, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 175, 144);  
box-shadow:4px 4px 4px 4px rgb(125, 175,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8215, 37.0335, 32.0147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 175, 144) }
```

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

```
.background{ background-color: rgb(125,  
175, 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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