

Converting Colors

XYZ(28.9757, 37.0952, 32.8270)

Have a look what the booklet for
XYZ(28.9757, 37.0952, 32.8270)
contains.

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Color

**XYZ(28.9757, 37.0952,
32.8270)**

Conversions

Conversions Part 1

Format	Color
Hex	7DAF92
RGB	125, 175, 146
RGB Percent	49%, 69%, 57%
CMY	0.5098, 0.3137, 0.4274
CMYK	0.29, 0.00, 0.17, 0.31
HSL	145°, 24%, 59%
HSV	145°, 29%, 69%
XYZ	28.9757, 37.0952, 32.8270
YIQ	156.7440, -20.4910, -19.6190

Conversions

Conversions Part 2

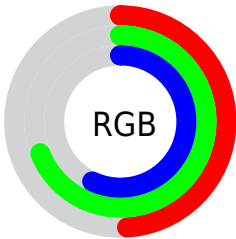
Format	Color
RYB	125, 160, 175
Decimal	8236946
CIELab	67.35, -22.75, 9.60
CIElCh	67, 24.689, 157.127
Yxy	37.0952, 0.2930, 0.3751
Android (android.graphics.Color)	4286427026 (0xFF7DAF92)
YUV	156.7440, -5.2968, -27.8395
Hunter-Lab	60.9058, -21.6646, 10.6780

Details

The XYZ color **28.9757, 37.0952, 32.8270** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **30.8468, 26.1152, 33.9883**, and the grayscale version is **31.9632, 33.6278, 36.6206**.

A 20% lighter version of the original color is **57.5916, 70.9057, 65.2943**, and **11.8491, 16.2011, 13.3291** is the 20% darker color. If you saturate the color by 10%, you get **25.8878, 35.5916, 28.7424**, and if you desaturate by 10%, it is **32.5859, 38.8620, 37.3036**.

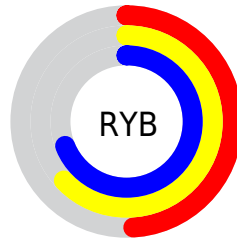
Distribution



Red (49%)

Green (69%)

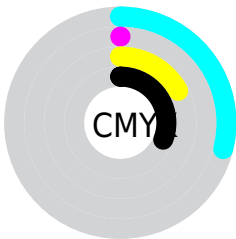
Blue (57%)



Red (49%)

Yellow (63%)

Blue (69%)

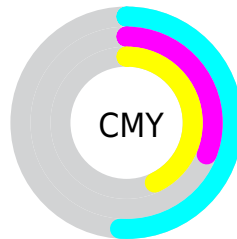


Cyan (29%)

Magenta (0%)

Yellow (17%)

Black (31%)



Cyan (51%)

Magenta (31%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9757, 37.0952, 32.8270 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 28.9757, 37.0952, 32.8270 by changing the saturation by 10% instead.

■ 28.9757, 37.0952,
32.8270

■ 28.9757, 37.0952,
32.8270

289.0966,
333.7225, 329.4775

■ 19.2066, 25.2812,
21.7239

■ 57.4363, 70.7192,
65.2182

■ 11.9246, 16.2867,
13.4578

■ 76.8585, 93.2980,
87.3435

■ 6.7642, 9.7272,
7.6101

■ 100.2292,
120.2338, 113.9798

■ 3.3601, 5.2185,
3.7623

127.9137,
151.9111, 145.5459

■ 1.3469, 2.3760,
1.4959

160.2773,
188.7142, 182.4601

■ 0.2179, 0.8135,
0.2149

197.6854,

■ 0.0000, 0.0000,

231.0275, 225.1411

0.0000

240.5034,
279.2355, 274.0074

■ 28.9757, 37.0952,
32.8270

■ 28.9757, 37.0952,
32.8270

■ 25.8878, 35.5916,
28.7424

■ 32.5859, 38.8620,
37.3036

■ 23.2937, 34.3336,
25.0368

■ 36.7390, 40.8994,
42.1800

■ 21.1668, 33.3088,
21.6997

■ 41.4582, 43.2201,
47.4669

■ 19.4766, 32.5017,
18.7194

■ 46.7643, 45.8347,
53.1737

■ 18.1885, 31.8947,
16.0835

■ 52.6772, 48.7532,
59.3096

■ 17.2627, 31.4675,
13.7788

■ 59.2157, 51.9852,
65.8834

■ 16.6301, 31.1847,
11.7900

■ 66.3979, 55.5398,
72.9039

■ 16.5498, 31.1490,
11.5304

■ 70.4642, 57.4787,
80.2025

■ 71.9088, 58.0566,
87.8098

Harmonies

Analogous

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



31.0500, 37.0952, 25.9622



28.9757, 37.0952, 32.8270



28.5258, 37.0952, 43.0284

Triad

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



28.9757, 37.0952, 32.8270



36.1674, 37.0952, 64.7686



41.3767, 37.0952, 29.0833

Complementary

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



28.9757, 37.0952, 32.8270



30.8468, 26.1152, 33.9883

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.



42.9736, 37.0952, 37.8624



28.9757, 37.0952, 32.8270



39.8297, 37.0952, 59.3656

Square

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



28.9757, 37.0952, 32.8270



32.5073, 37.0952, 62.7672



42.3882, 37.0952, 49.0344



38.1594, 37.0952, 24.0858

Rectangle

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



28.9757, 37.0952, 32.8270



29.1762, 37.0952, 50.6452



42.3882, 37.0952, 49.0344



42.1309, 37.0952, 31.6226

Sweetspot

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



28.9767, 37.0967, 32.8278



65.3338, 73.0194, 75.0100



32.3911, 39.0286, 25.2286



14.2727, 16.1073, 16.3852



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.



28.9767, 37.0967, 32.8278



48.4575, 64.7601, 54.3071



31.1234, 37.9554, 44.1322



8.0388, 8.9931, 9.2294



11.8807, 22.3176, 8.4115



0.3582, 0.6319, 0.3799

Inverse Universe

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



30.8468, 26.1152, 33.9883



52.3339, 41.9870, 56.7053



28.9874, 25.3714, 24.1969



8.1927, 8.0903, 9.3253



14.3918, 7.2192, 9.7084



0.4269, 0.2114, 0.4097

Previews

White Background



This preview shows how the XYZ color 28.9757, 37.0952, 32.8270 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 28.9757, 37.0952, 32.8270 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 28.9757, 37.0952, 32.8270

Background



This preview shows how black text looks on a background with the XYZ color 28.9757, 37.0952, 32.8270.



This preview shows how white text looks on a background with the XYZ color 28.9757, 37.0952,

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

28.9757, 37.0952, 32.8270

Protanopia

34.8441, 36.8585, 30.0889

Deuteranopia

37.4990, 36.8461, 33.9898



Tritanopia

32.4377, 37.0739, 50.2461

Trichromacy



Original Color

28.9757, 37.0952, 32.8270

Protanomaly

32.2188, 36.5590, 30.9497

Deuteranomaly

33.8045, 36.5074, 33.6987

Tritanomaly

31.0615, 37.0745, 43.5492

Monochromacy



Original Color

28.9757, 37.0952, 32.8270

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

30.7023, 34.8706, 35.2495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9757, 37.0952, 32.8270 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, 146)` looks like.

```
.text, #text, p{  
    color:rgb(125, 175, 146)  
}
```

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, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 175, 146) }
```

Border

The CSS property to change the border of an element to XYZ 28.9757, 37.0952, 32.8270 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, 146) }
```


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

```
.border{ border-color:rgb(125, 175, 146) }
```

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, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 175, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 175, 146);  
box-shadow:4px 4px 4px 4px rgb(125, 175,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9757, 37.0952, 32.8270 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, 146) }
```

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

```
.background{ background-color: rgb(125,  
175, 146) }
```

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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