

Converting Colors

XYZ(31.0362, 37.7388, 25.8643)

Have a look what the booklet for
XYZ(31.0362, 37.7388, 25.8643)
contains.

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Color

**XYZ(30.9871, 37.7153,
25.7253)**

Conversions

Conversions Part 1

Format	Color
Hex	94AD7F
RGB	148, 173, 127
RGB Percent	58%, 68%, 50%
CMY	0.4196, 0.3216, 0.5020
CMYK	0.14, 0.00, 0.27, 0.32
HSL	93°, 22%, 59%
HSV	93°, 27%, 68%
XYZ	30.9871, 37.7153, 25.7253
YIQ	160.2810, -0.1340, -19.6060

Conversions

Conversions Part 2

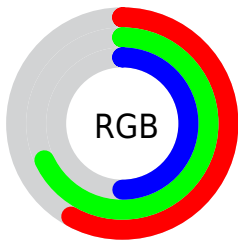
Format	Color
RYB	127, 173, 152
Decimal	9743743
CIELab	67.81, -17.13, 20.86
CIELCh	68, 26.988, 129.386
Yxy	37.7153, 0.3282, 0.3994
Android (android.graphics.Color)	4287933823 (0xFF94AD7F)
YUV	160.2810, -16.4075, -10.7704
Hunter-Lab	61.4128, -17.4065, 18.1529

Details

The XYZ color **30.9871, 37.7153, 25.7253** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **28.0826, 24.8723, 42.8578**, and the grayscale version is **33.6175, 35.3683, 38.5160**.

A 20% lighter version of the original color is **60.3387, 71.3386, 53.7696**, and **13.1423, 16.7662, 9.7513** is the 20% darker color. If you saturate the color by 10%, you get **28.3230, 36.4623, 20.2119**, and if you desaturate by 10%, it is **33.9850, 39.1203, 32.2666**.

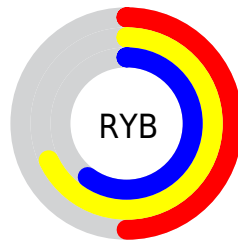
Distribution



Red (58%)

Green (68%)

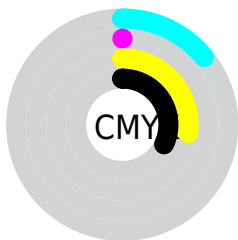
Blue (50%)



Red (50%)

Yellow (68%)

Blue (60%)

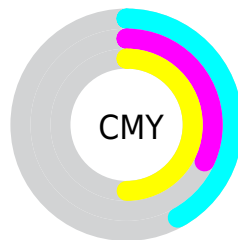


Cyan (14%)

Magenta (0%)

Yellow (27%)

Black (32%)



Cyan (42%)

Magenta (32%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.9871, 37.7153, 25.7253 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 30.9871, 37.7153, 25.7253 by changing the saturation by 10% instead.


 30.9871, 37.7153,
25.7253


 30.9871, 37.7153,
25.7253


298.3068,
336.3971, 294.9934


 20.7408, 25.7618,
16.3943


 60.5957, 71.6716,
53.8101

 13.0460, 16.6455,
9.6462


 80.6888, 94.4431,
73.4010

 7.5375, 9.9821,
5.0625


 104.7948,
121.5895, 97.2489

 3.8497, 5.3871,
2.2246

133.2792,
153.4950, 125.7725

 1.6175, 2.4761,
0.6885

166.5072,
190.5442, 159.3902

 0.4038, 0.8646,
0.0000

204.8442,

 0.0000, 0.0000,

233.1213, 198.5205

0.0000

248.6557,
281.6108, 243.5821

■ 30.9871, 37.7153,
25.7253

■ 30.9871, 37.7153,
25.7253

■ 28.3230, 36.4623,
20.2119

■ 33.9850, 39.1203,
32.2666

■ 25.9765, 35.3507,
15.6716

■ 37.3262, 40.6776,
39.8817

■ 23.9346, 34.3762,
12.0485

■ 41.0232, 42.3940,
48.6170

■ 22.1818, 33.5320,
9.2796

■ 45.0871, 44.2741,
58.5154

■ 20.7011, 32.8111,
7.2945

■ 49.5285, 46.3226,
69.6172

■ 19.4730, 32.2051,
6.0110

■ 54.3574, 48.5438,
81.9612

■ 18.4719, 31.7034,
5.3152

■ 59.5835, 50.9418,
95.5843

■ 18.1665, 31.5497,
5.1322

■ 63.4952, 52.8324,
101.4589

■ 66.4774, 54.3698,
101.5984

Harmonies

Analogous

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



34.5530, 37.7153, 22.2903



30.9871, 37.7153, 25.7253



28.8410, 37.7153, 33.4854

Triad

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



30.9871, 37.7153, 25.7253



33.0923, 37.7153, 66.5859



44.3726, 37.7153, 37.4264

Complementary

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



30.9871, 37.7153, 25.7253



28.0826, 24.8723, 42.8578

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.



43.9052, 37.7153, 49.7111



30.9871, 37.7153, 25.7253



37.1735, 37.7153, 68.2072

Square

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



30.9871, 37.7153, 25.7253



29.9893, 37.7153, 57.4646



41.1908, 37.7153, 61.5401



42.4223, 37.7153, 28.1272

Rectangle

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



30.9871, 37.7153, 25.7253



28.3987, 37.7153, 40.8193



41.1908, 37.7153, 61.5401



44.4961, 37.7153, 41.3128

Sweetspot

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



30.9881, 37.7169, 25.7261



65.8779, 72.3977, 69.1803



32.2184, 32.7232, 24.6974



14.1202, 15.6421, 14.5818



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



30.9881, 37.7169, 25.7261



52.5766, 66.1735, 39.9623



27.6286, 35.9734, 26.0946



8.2388, 9.1117, 8.5379



13.4097, 23.2100, 3.7732



0.4366, 0.6784, 0.1079

Inverse Universe

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



28.0826, 24.8723, 42.8578



46.4758, 39.2097, 75.9245



32.2196, 27.0221, 42.2812



7.9792, 7.9636, 10.0693



9.0012, 4.0002, 29.3422



0.3125, 0.1433, 0.8192

Previews

White Background



This preview shows how the XYZ color 30.9871, 37.7153, 25.7253 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 30.9871, 37.7153, 25.7253 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 30.9871, 37.7153, 25.7253

Background



This preview shows how black text looks on a background with the XYZ color 30.9871, 37.7153, 25.7253.



This preview shows how white text looks on a background with the XYZ color 30.9871, 37.7153,

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

30.9871, 37.7153, 25.7253

Protanopia

35.1617, 37.6874, 24.1601

Deuteranopia

38.2484, 37.4029, 26.3227



Tritanopia

35.4832, 37.5950, 48.0342

Trichromacy



Original Color

30.9871, 37.7153, 25.7253

Protanomaly

33.3666, 37.5675, 24.5614

Deuteranomaly

35.1911, 37.1265, 26.0802

Tritanomaly

33.6700, 37.6863, 38.7573

Monochromacy



Original Color

30.9871, 37.7153, 25.7253

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

32.5107, 36.1163, 33.2746

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9871, 37.7153, 25.7253 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(148, 173, 127) looks like.

```
.text, #text, p{  
    color:rgb(148, 173, 127)  
}
```

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(148, 173, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 173, 127) }
```

Border

The CSS property to change the border of an element to XYZ 30.9871, 37.7153, 25.7253 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(148, 173, 127) }
```


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

```
.border{ border-color:rgb(148, 173, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 173, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 173, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 173, 127);  
box-shadow:4px 4px 4px 4px rgb(148, 173,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9871, 37.7153, 25.7253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 173, 127) }
```

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

```
.background{ background-color: rgb(148,  
173, 127) }
```

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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