

Converting Colors

XYZ(32.9663, 37.9793, 25.5034)

Have a look what the booklet for
XYZ(32.9663, 37.9793, 25.5034)
contains.

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Color

**XYZ(32.9034, 37.8588,
25.6520)**

Conversions

Conversions Part 1

Format	Color
Hex	A1AA7F
RGB	161, 170, 127
RGB Percent	63%, 67%, 50%
CMY	0.3686, 0.3333, 0.5020
CMYK	0.05, 0.00, 0.25, 0.33
HSL	73°, 20%, 58%
HSV	73°, 25%, 67%
XYZ	32.9034, 37.8588, 25.6520
YIQ	162.4070, 8.4390, -15.2810

Conversions

Conversions Part 2

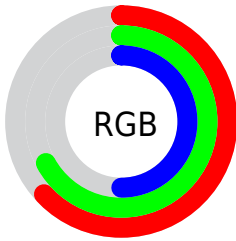
Format	Color
RYB	127, 170, 136
Decimal	10594943
CIELab	67.92, -10.63, 21.16
CIELCh	68, 23.680, 116.674
Yxy	37.8588, 0.3413, 0.3927
Android (android.graphics.Color)	4288785023 (0xFFA1AA7F)
YUV	162.4070, -17.4557, -1.2339
Hunter-Lab	61.5295, -12.2223, 18.3523

Details

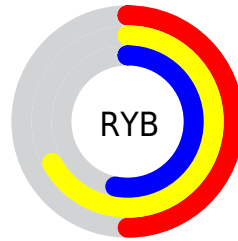
The XYZ color **32.9034, 37.8588, 25.6520** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.0000, 23.3163, 41.2152**, and the grayscale version is **34.6110, 36.4135, 39.6543**.

A 20% lighter version of the original color is **63.4823, 71.7446, 53.6822**, and **14.1603, 16.7581, 9.6960** is the 20% darker color. If you saturate the color by 10%, you get **31.1808, 37.0894, 20.2678**, and if you desaturate by 10%, it is **34.8354, 38.7169, 32.0235**.

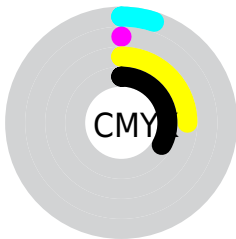
Distribution



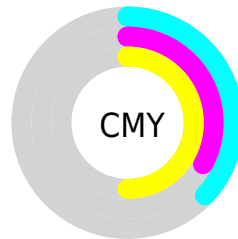
- Red (63%)
- Green (67%)
- Blue (50%)



- Red (50%)
- Yellow (67%)
- Blue (53%)



- Cyan (5%)
- Magenta (0%)
- Yellow (25%)
- Black (33%)



- Cyan (37%)
- Magenta (33%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.9034, 37.8588, 25.6520 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 32.9034, 37.8588, 25.6520 by changing the saturation by 10% instead.

■ 32.9034, 37.8588,
25.6520

■ 32.9034, 37.8588,
25.6520

306.8869,
337.0139, 294.6205

■ 22.2113, 25.8731,
16.3401

■ 63.5804, 71.8917,
53.6902

■ 14.1297, 16.7287,
9.6081

■ 84.2960, 94.7076,
73.2535

■ 8.2933, 10.0413,
5.0377

■ 109.0835,
121.9025, 97.0710

■ 4.3365, 5.4263,
2.2103

138.3083,
153.8606, 125.5612

■ 1.8942, 2.4995,
0.6803

172.3356,
190.9664, 159.1428

■ 0.5735, 0.8764,
0.0000

211.5310,

■ 0.0000, 0.0000,

233.6043, 198.2341

0.0000

256.2596,
282.1587, 243.2539

■ 32.9034, 37.8588,
25.6520

■ 32.9034, 37.8588,
25.6520

■ 31.1808, 37.0894,
20.2678

■ 34.8354, 38.7169,
32.0235

■ 29.6551, 36.3997,
15.8190

■ 36.9827, 39.6623,
39.4258

■ 28.3170, 35.7874,
12.2528

■ 39.3546, 40.6999,
47.9027

■ 27.1549, 35.2478,
9.5100

■ 41.9590, 41.8329,
57.4948

■ 26.1562, 34.7759,
7.5243

■ 44.8035, 43.0644,
68.2407

■ 25.3061, 34.3657,
6.2191

■ 47.8950, 44.3971,
80.1770

■ 24.5862, 34.0098,
5.4984

■ 51.2404, 45.8339,
93.3387

■ 24.2722, 33.8530,
5.2550

■ 53.5303, 46.8510,
100.8295

■ 54.4272, 47.3133,
100.8715

Harmonies

Analogous

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



36.3952, 37.8588, 24.1376



32.9034, 37.8588, 25.6520



30.3957, 37.8588, 31.0719

Triad

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



32.9034, 37.8588, 25.6520



32.2389, 37.8588, 60.5516



43.5101, 37.8588, 42.4072

Complementary

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



32.9034, 37.8588, 25.6520



25.0000, 23.3163, 41.2152

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.



42.2176, 37.8588, 53.3715



32.9034, 37.8588, 25.6520



35.5752, 37.8588, 64.9089

Square

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



32.9034, 37.8588, 25.6520



30.0308, 37.8588, 50.9918



39.2504, 37.8588, 62.0817



42.6754, 37.8588, 32.7870

Rectangle

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



32.9034, 37.8588, 25.6520



29.5355, 37.8588, 36.7305



39.2504, 37.8588, 62.0817



43.3080, 37.8588, 46.0651

Sweetspot

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



32.9044, 37.8605, 25.6528



65.9463, 71.4535, 67.5071



29.1576, 27.5753, 23.8651



14.5761, 15.8771, 14.6031



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.



32.9044, 37.8605, 25.6528



58.0111, 67.9369, 41.1960



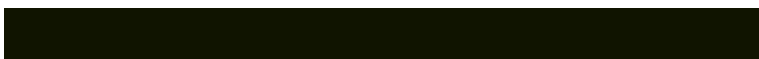
29.0052, 35.8504, 25.4703



7.9908, 8.6934, 8.0461



17.9012, 24.9257, 3.8676



0.4732, 0.6258, 0.0959

Inverse Universe

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



25.0000, 23.3163, 41.2152



41.3469, 37.2674, 74.0160



28.7705, 25.2601, 41.3916



7.2732, 7.3734, 9.4582



5.9015, 2.4258, 28.1327



0.1833, 0.0795, 0.6863

Previews

White Background



This preview shows how the XYZ color 32.9034, 37.8588, 25.6520 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 32.9034, 37.8588, 25.6520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

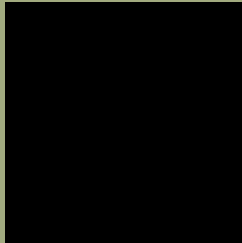
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

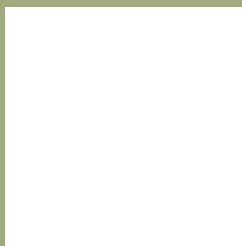
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.9034, 37.8588, 25.6520

Background



This preview shows how black text looks on a background with the XYZ color 32.9034, 37.8588, 25.6520.



This preview shows how white text looks on a background with the XYZ color 32.9034, 37.8588,

25.6520.

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

32.9034, 37.8588, 25.6520

Protanopia

35.2883, 37.7380, 24.8263

Deuteranopia

38.3529, 37.7187, 26.0279



Tritanopia

37.0821, 37.6538, 46.3878

Trichromacy



Original Color

32.9034, 37.8588, 25.6520

Protanomaly

34.3792, 37.8017, 25.2231

Deuteranomaly

36.0495, 37.5767, 25.7751

Tritanomaly

35.3248, 37.7404, 37.7706

Monochromacy



Original Color

32.9034, 37.8588, 25.6520

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

33.7802, 36.7616, 33.7491

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9034, 37.8588, 25.6520 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(161, 170, 127)` looks like.

```
.text, #text, p{  
    color:rgb(161, 170, 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(161, 170, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 170, 127) }
```

Border

The CSS property to change the border of an element to XYZ 32.9034, 37.8588, 25.6520 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(161, 170, 127) }
```


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

```
.border{ border-color:rgb(161, 170, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 170, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 170, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 170, 127);  
box-shadow:4px 4px 4px 4px rgb(161, 170,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9034, 37.8588, 25.6520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 170, 127) }
```

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

```
.background{ background-color: rgb(161,  
170, 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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