

Converting Colors

XYZ(32.6851, 34.5911, 37.8085)

Have a look what the booklet for
XYZ(32.6851, 34.5911, 37.8085)
contains.

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Color

**XYZ(32.5608, 34.4676,
37.7377)**

Conversions

Conversions Part 1

Format	Color
Hex	9D9F9F
RGB	157, 159, 159
RGB Percent	62%, 62%, 62%
CMY	0.3843, 0.3765, 0.3765
CMYK	0.01, 0.00, 0.00, 0.38
HSL	180°, 1%, 62%
HSV	180°, 1%, 62%
XYZ	32.5608, 34.4676, 37.7377
YIQ	158.4020, -1.1920, -0.4240

Conversions

Conversions Part 2

Format	Color
RYB	157, 158, 159
Decimal	10330015
CIELab	65.33, -0.71, -0.26
CIElCh	65, 0.759, 199.952
Yxy	34.4676, 0.3108, 0.3290
Android (android.graphics.Color)	4288520095 (0xFF9D9F9F)
YUV	158.4020, 0.2948, -1.2296
Hunter-Lab	58.7091, -3.7426, 2.9853

Details

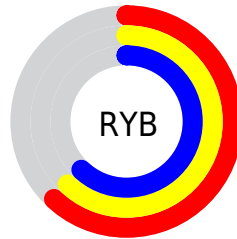
The XYZ color **32.5608, 34.4676, 37.7377** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.4421, 33.9201, 36.7374**, and the grayscale version is **32.6819, 34.3839, 37.4441**.

A 20% lighter version of the original color is **63.3355, 66.9452, 73.2019**, and **14.0132, 14.8720, 16.3194** is the 20% darker color. If you saturate the color by 10%, you get **29.6567, 32.9717, 37.5929**, and if you desaturate by 10%, it is **35.8706, 36.1746, 37.9029**.

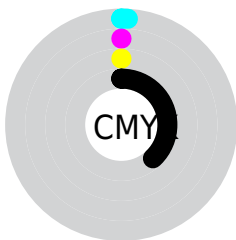
Distribution



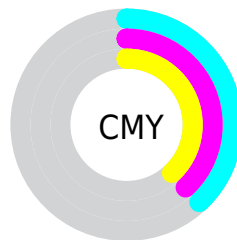
- Red (62%)
- Green (62%)
- Blue (62%)



- Red (62%)
- Yellow (62%)
- Blue (62%)



- Cyan (1%)
- Magenta (0%)
- Yellow (0%)
- Black (38%)



- Cyan (38%)
- Magenta (38%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5608, 34.4676, 37.7377 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 32.5608, 34.4676, 37.7377 by changing the saturation by 10% instead.

■ 32.5608, 34.4676,
37.7377

■ 32.5608, 34.4676,
37.7377

305.3661,
322.2121, 351.7578

■ 21.9478, 23.2531,
25.4789

■ 63.0485, 66.6602,
72.9049

■ 13.9350, 14.7805,
16.2120

■ 83.6539, 88.4070,
96.6504

■ 8.1568, 8.6655,
9.5183

108.3209,
114.4333, 125.0618

■ 4.2481, 4.5236,
4.9794

137.4147,
145.1236, 158.5578

■ 1.8434, 1.9706,
2.1766

171.3008,
180.8622, 197.5569

■ 0.5436, 0.5903,
0.6608

210.3445,

■ 0.0000, 0.0000,

222.0336, 242.4775

0.0000

254.9112,
269.0221, 293.7383

■ 32.5608, 34.4676,
37.7377

■ 32.5608, 34.4676,
37.7377

■ 29.6567, 32.9717,
37.5929

■ 35.8706, 36.1746,
37.9029

■ 27.1400, 31.6745,
37.4655

■ 39.5978, 38.0958,
38.0869

■ 24.9950, 30.5689,
37.3555

■ 43.7572, 40.2399,
38.2912

■ 23.2043, 29.6460,
37.2621

■ 48.3623, 42.6137,
38.5163

■ 21.7487, 28.8958,
37.1844

■ 53.4255, 45.2237,
38.7629

■ 20.6074, 28.3077,
37.1214

■ 58.9592, 48.0761,
39.0315

■ 19.7572, 27.8696,
37.0720

■ 59.9098, 48.5660,
39.0856

■ 19.1718, 27.5680,
37.0350

■ 59.9117, 48.5668,
39.0953

■ 18.8199, 27.3868,
37.0089

■ 59.9135, 48.5675,
39.1050

Harmonies

Analogous

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



32.5513, 34.4676, 37.4231



32.5608, 34.4676, 37.7377



32.6237, 34.4676, 37.9978

Triad

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



32.5608, 34.4676, 37.7377



32.9236, 34.4676, 37.9229



32.7976, 34.4676, 36.9325

Complementary

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



32.5608, 34.4676, 37.7377



32.4421, 33.9201, 36.7374

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.



32.8975, 34.4676, 37.0648



32.5608, 34.4676, 37.7377



32.9704, 34.4676, 37.6358

Square

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



32.5608, 34.4676, 37.7377



32.8331, 34.4676, 38.1051



32.9609, 34.4676, 37.3218



32.6879, 34.4676, 36.9594

Rectangle

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



32.5608, 34.4676, 37.7377



32.6875, 34.4676, 38.1048



32.9609, 34.4676, 37.3218



32.8334, 34.4676, 36.9598

Sweetspot

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



32.5618, 34.4691, 37.7385



59.0181, 62.0916, 67.6177



32.3961, 34.4036, 36.8319



13.3056, 13.9985, 15.2444



76.7382, 80.7346, 87.9200

Same Dimension

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



32.5618, 34.4691, 37.7385



57.8815, 61.5057, 67.5610



32.3962, 34.1375, 37.6844



7.3112, 7.7618, 8.5191



14.7209, 21.5563, 29.2167



0.2633, 0.3855, 0.5230

Inverse Universe

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



32.4421, 33.9201, 36.7374



57.5366, 59.9230, 64.6748



32.6064, 34.2489, 36.7910



7.2717, 7.5805, 8.1886



11.2941, 5.8222, 0.5340



0.2020, 0.1041, 0.0100

Previews

White Background



This preview shows how the XYZ color 32.5608, 34.4676, 37.7377 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 32.5608, 34.4676, 37.7377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

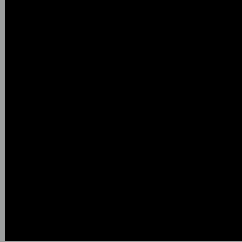
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.5608, 34.4676, 37.7377

Background



This preview shows how black text looks on a background with the XYZ color 32.5608, 34.4676, 37.7377.



This preview shows how white text looks on a background with the XYZ color 32.5608, 34.4676,

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

32.5608, 34.4676, 37.7377

Protanopia

33.0964, 34.4994, 37.2624

Deuteranopia

35.1343, 34.5335, 38.0716



Tritanopia

33.6107, 34.3871, 42.8961

Trichromacy



Original Color

32.5608, 34.4676, 37.7377

Protanomaly

32.8956, 34.3959, 37.2530

Deuteranomaly

34.1700, 34.5305, 38.1218

Tritanomaly

33.2103, 34.4760, 40.9806

Monochromacy



Original Color

32.5608, 34.4676, 37.7377

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.4990, 34.1914, 37.2345

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5608, 34.4676, 37.7377 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(157, 159, 159)` looks like.

```
.text, #text, p{  
    color:rgb(157, 159, 159)  
}
```

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(157, 159, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 159, 159) }
```

Border

The CSS property to change the border of an element to XYZ 32.5608, 34.4676, 37.7377 is called "border". The border property can be set on classes, ids or directly on the HTML element.

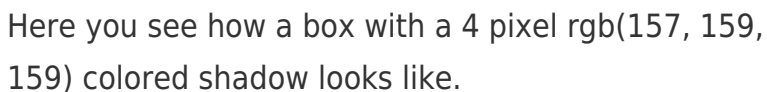
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 159, 159) }
```

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

```
.border{ border-color:rgb(157, 159, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 159, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 159, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 159, 159); box-shadow:4px 4px 4px 4px rgb(157, 159, 159) }
```


Background

The CSS property to change the background color of an element to XYZ 32.5608, 34.4676, 37.7377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 159, 159) }
```

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

```
.background{ background-color: rgb(157,  
159, 159) }
```

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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