

Converting Colors

XYZ(34.2120, 37.8385, 44.5301)

Have a look what the booklet for
XYZ(34.2120, 37.8385, 44.5301)
contains.

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Color

**XYZ(34.2120, 37.8385,
44.5301)**

Conversions

Conversions Part 1

Format	Color
Hex	96A9AC
RGB	150, 169, 172
RGB Percent	59%, 66%, 67%
CMY	0.4118, 0.3372, 0.3255
CMYK	0.13, 0.02, 0.00, 0.33
HSL	188°, 12%, 63%
HSV	188°, 13%, 67%
XYZ	34.2120, 37.8385, 44.5301
YIQ	163.6610, -12.2870, -3.0950

Conversions

Conversions Part 2

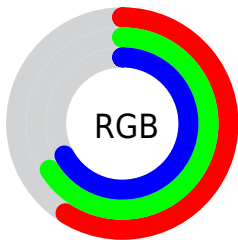
Format	Color
RYB	150, 160, 172
Decimal	9873836
CIELab	67.90, -5.97, -3.80
CIElCh	68, 7.077, 212.451
Yxy	37.8385, 0.2935, 0.3246
Android (android.graphics.Color)	4288063916 (0xFF96A9AC)
YUV	163.6610, 4.1111, -11.9807
Hunter-Lab	61.5130, -8.3705, 0.1383

Details

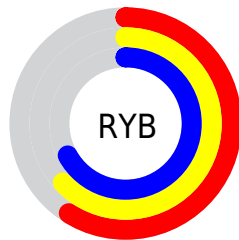
The XYZ color **34.2120, 37.8385, 44.5301** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.9097, 33.7549, 33.5829**, and the grayscale version is **35.1117, 36.9402, 40.2279**.

A 20% lighter version of the original color is **65.4226, 71.6947, 83.0634**, and **14.8970, 16.7313, 20.2136** is the 20% darker color. If you saturate the color by 10%, you get **30.8446, 35.4621, 44.2495**, and if you desaturate by 10%, it is **38.0540, 40.4732, 44.8368**.

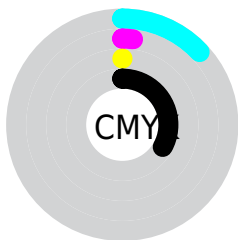
Distribution



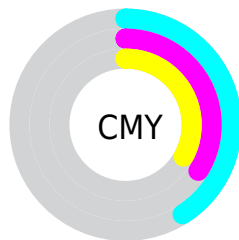
- Red (59%)
- Green (66%)
- Blue (67%)



- Red (59%)
- Yellow (63%)
- Blue (67%)



- Cyan (13%)
- Magenta (2%)
- Yellow (0%)
- Black (33%)



- Cyan (41%)
- Magenta (34%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.2120, 37.8385, 44.5301 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 34.2120, 37.8385, 44.5301 by changing the saturation by 10% instead.

■ 34.2120, 37.8385,
44.5301

■ 34.2120, 37.8385,
44.5301

312.6456,
336.9267, 380.9716

■ 23.2202, 25.8574,
30.7472

■ 65.6053, 71.8605,
83.3258

■ 14.8778, 16.7170,
20.1496

■ 86.7375, 94.6702,
109.1757

■ 8.8194, 10.0329,
12.3187

111.9805,
121.8582, 139.8850

■ 4.6797, 5.4208,
6.8359

141.6998,
153.8089, 175.8722

■ 2.0934, 2.4962,
3.2828

176.2605,
190.9067, 217.5560

■ 0.6856, 0.8747,
1.2408

216.0282,

■ 0.0000, 0.0000,

233.5360, 265.3548

0.0125

261.3681,
282.0812, 319.6871

■ 0.0000, 0.0000,
0.0000

■ 34.2120, 37.8385,
44.5301

■ 34.2120, 37.8385,
44.5301

■ 30.8446, 35.4621,
44.2495

■ 38.0540, 40.4732,
44.8368

■ 27.9283, 33.3288,
43.9914

■ 42.3864, 43.3713,
45.1678

■ 25.4425, 31.4289,
43.7557

■ 47.2280, 46.5438,
45.5250

■ 23.3638, 29.7502,
43.5413

■ 52.5960, 49.9993,
45.9090

■ 21.6664, 28.2795,
43.3469

■ 58.5065, 53.7463,
46.3207

■ 20.3214, 27.0018,
43.1711

■ 64.9750, 57.7929,
46.7609

■ 19.2961, 25.9001,
43.0125

■ 66.1210, 59.1076,
46.9542

■ 18.5510, 24.9541,
42.8692

■ 66.6167, 60.0990,
47.1195

■ 18.1254, 24.3365,
42.7724

■ 67.1206, 61.1068,
47.2874

Harmonies

Analogous

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



33.8960, 37.8385, 41.4588



34.2120, 37.8385, 44.5301



34.9967, 37.8385, 46.7966

Triad

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



34.2120, 37.8385, 44.5301



37.8689, 37.8385, 44.0600



35.8741, 37.8385, 35.4491

Complementary

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



34.2120, 37.8385, 44.5301



33.9097, 33.7549, 33.5829

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.



36.9497, 37.8385, 36.0678



34.2120, 37.8385, 44.5301



38.1152, 37.8385, 40.9416

Square

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



34.2120, 37.8385, 44.5301



37.1092, 37.8385, 46.5156



37.7756, 37.8385, 38.0396



34.8433, 37.8385, 36.3050

Rectangle

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



34.2120, 37.8385, 44.5301



35.6877, 37.8385, 47.4893



37.7756, 37.8385, 38.0396



36.2424, 37.8385, 35.4915

Sweetspot

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



34.2131, 37.8401, 44.5309



68.0929, 72.7849, 81.2658



33.0751, 38.2874, 35.7557



14.6821, 15.7389, 17.6518



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.



34.2131, 37.8401, 44.5309



60.4738, 67.5350, 80.6540



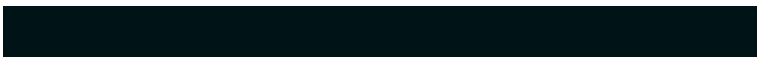
32.2629, 33.9397, 43.8809



8.1419, 8.8832, 10.2382



13.5175, 18.1689, 31.8390



0.4012, 0.5558, 0.8941

Inverse Universe

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



35.0819, 33.4486, 42.1452



62.3324, 58.2170, 75.5327



35.7824, 37.5003, 34.2071



8.2894, 8.1290, 9.8349



16.6867, 8.1372, 21.7931



0.4769, 0.2314, 0.6731

Previews

White Background



This preview shows how the XYZ color 34.2120, 37.8385, 44.5301 looks on a white background.

Color Contrast Check

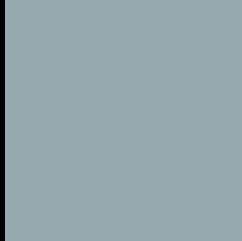
Large Text (above 18pt) WCAG AA × Fail

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 34.2120, 37.8385, 44.5301 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

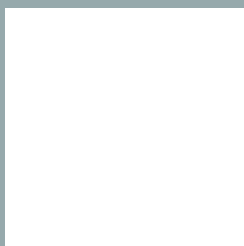
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.2120, 37.8385, 44.5301

Background



This preview shows how black text looks on a background with the XYZ color 34.2120, 37.8385, 44.5301.



This preview shows how white text looks on a background with the XYZ color 34.2120, 37.8385,

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

34.2120, 37.8385, 44.5301

Protanopia

36.3732, 37.6310, 42.8825

Deuteranopia

38.3422, 37.5447, 45.2704



Tritanopia

35.2920, 38.0169, 49.1940

Trichromacy



Original Color

34.2120, 37.8385, 44.5301

Protanomaly

35.5899, 37.7518, 43.4412

Deuteranomaly

36.5764, 37.4270, 44.8315

Tritanomaly

34.8010, 37.7989, 47.5812

Monochromacy



Original Color

34.2120, 37.8385, 44.5301

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.9093, 37.4334, 41.9447

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2120, 37.8385, 44.5301 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(150, 169, 172)` looks like.

```
.text, #text, p{  
    color:rgb(150, 169, 172)  
}
```

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(150, 169, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 169, 172) }
```

Border

The CSS property to change the border of an element to XYZ 34.2120, 37.8385, 44.5301 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(150, 169, 172) }
```


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

```
.border{ border-color:rgb(150, 169, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 169, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 169, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 169, 172);  
box-shadow:4px 4px 4px 4px rgb(150, 169,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2120, 37.8385, 44.5301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 169, 172) }
```

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

```
.background{ background-color: rgb(150,  
169, 172) }
```

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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