

Converting Colors

XYZ(37.4330, 37.8752, 54.0534)

Have a look what the booklet for
XYZ(37.4330, 37.8752, 54.0534)
contains.

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Color

**XYZ(37.4700, 37.9500,
54.0654)**

Conversions

Conversions Part 1

Format	Color
Hex	A2A4BE
RGB	162, 164, 190
RGB Percent	64%, 64%, 75%
CMY	0.3647, 0.3568, 0.2549
CMYK	0.15, 0.14, 0.00, 0.25
HSL	236°, 18%, 69%
HSV	236°, 15%, 75%
XYZ	37.4700, 37.9500, 54.0654
YIQ	166.3660, -9.5380, 7.6620

Conversions

Conversions Part 2

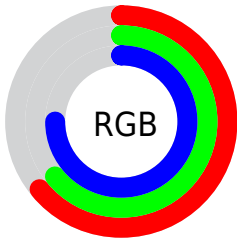
Format	Color
R_{YB}	162, 164, 190
Decimal	10659006
CIE _{Lab}	67.98, 4.62, -13.57
CIE _{LCh}	68, 14.340, 288.808
Yxy	37.9500, 0.2894, 0.2931
Android (android.graphics.Color)	4288849086 (0xFFA2A4BE)
YUV	166.3660, 11.6516, -3.8290
Hunter-Lab	61.6036, 0.7653, -8.9124

Details

The XYZ color **37.4700, 37.9500, 54.0654** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.7402, 49.5220, 41.3312**, and the grayscale version is **36.3722, 38.2664, 41.6721**.

A 20% lighter version of the original color is **70.5813, 72.0686, 97.3794**, and **16.7399, 16.7095, 26.0099** is the 20% darker color. If you saturate the color by 10%, you get **30.9572, 30.2271, 52.9186**, and if you desaturate by 10%, it is **45.0063, 46.8525, 55.3872**.

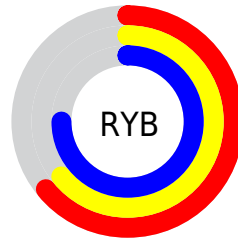
Distribution



Red (64%)

Green (64%)

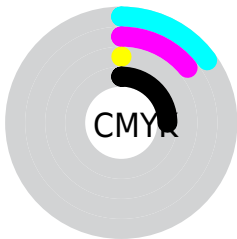
Blue (75%)



Red (64%)

Yellow (64%)

Blue (75%)

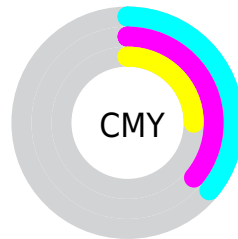


Cyan (15%)

Magenta (14%)

Yellow (0%)

Black (25%)



Cyan (36%)

Magenta (36%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.4700, 37.9500, 54.0654 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 37.4700, 37.9500, 54.0654 by changing the saturation by 10% instead.

■ 37.4700, 37.9500,
54.0654

■ 37.4700, 37.9500,
54.0654

326.6612,
337.4054, 419.5410

■ 25.7469, 25.9439,
38.2604

■ 70.6042, 72.0315,
97.6276

■ 16.7661, 16.7817,
25.8815

■ 92.7461, 94.8757,
126.2220

■ 10.1621, 10.0789,
16.5100

119.0916,
122.1013, 159.9165

■ 5.5697, 5.4513,
9.7275

150.0061,
154.0928, 199.1298

■ 2.6234, 2.5144,
5.1154

185.8549,
191.2346, 244.2803

■ 0.9579, 0.8839,
2.2552

227.0035,

■ 0.0000, 0.0000,

233.9110, 295.7867

0.7060

273.8172,
282.5065, 354.0674

■ 0.0000, 0.0000,
0.0000

■ 37.4700, 37.9500,
54.0654

■ 37.4700, 37.9500,
54.0654

■ 30.9572, 30.2271,
52.9186

■ 45.0063, 46.8525,
55.3872

■ 25.4203, 23.6300,
51.9370

■ 53.6038, 56.9764,
56.8881

■ 20.8133, 18.1072,
51.1139

■ 63.3028, 68.3670,
58.5755

■ 17.0851, 13.6020,
50.4408

■ 74.1404, 81.0660,
60.4555

■ 14.1796, 10.0519,
49.9087

■ 85.4113, 94.7315,
62.4992

■ 12.0342, 7.3879,
49.5075

■ 86.2944, 96.4978,
62.7935

■ 10.5773, 5.5314,
49.2260

■ 9.7234, 4.3900,
49.0507

■ 9.4459, 4.0208,
48.9940

Harmonies

Analogous

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



35.2447, 37.9500, 54.5718



37.4700, 37.9500, 54.0654



39.3931, 37.9500, 49.9450

Triad

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



37.4700, 37.9500, 54.0654



38.9677, 37.9500, 32.7545



32.0266, 37.9500, 38.9837

Complementary

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



37.4700, 37.9500, 54.0654



45.7402, 49.5220, 41.3312

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.



32.9399, 37.9500, 33.7519



37.4700, 37.9500, 54.0654



36.9088, 37.9500, 30.4103

Square

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



37.4700, 37.9500, 54.0654



40.2821, 37.9500, 37.4883



34.7060, 37.9500, 30.7556



32.1629, 37.9500, 45.4066

Rectangle

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



37.4700, 37.9500, 54.0654



40.2164, 37.9500, 45.9198



34.7060, 37.9500, 30.7556



32.2195, 37.9500, 37.0402

Sweetspot

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



37.4712, 37.9516, 54.0662



82.5422, 86.0644, 100.5408



42.3556, 48.1255, 54.4462



17.8801, 18.6095, 22.0349



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



37.4712, 37.9516, 54.0662



63.4979, 63.5569, 97.2001



39.5967, 38.5196, 54.0639



9.0698, 9.3320, 11.9954



6.3034, 2.7185, 32.5854



0.2658, 0.1443, 1.2827

Inverse Universe

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



40.8573, 39.4690, 40.5886



70.9383, 66.9248, 67.5781



43.3724, 48.9407, 41.3438



9.5571, 9.5471, 10.0567



14.1824, 7.3041, 0.9883



0.5651, 0.2899, 0.0890

Previews

White Background



This preview shows how the XYZ color 37.4700, 37.9500, 54.0654 looks on a white background.

Color Contrast Check

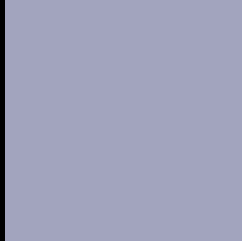
Large Text (above 18pt) WCAG AA × Fail

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 37.4700, 37.9500, 54.0654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

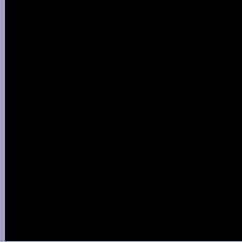
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.4700, 37.9500, 54.0654

Background



This preview shows how black text looks on a background with the XYZ color 37.4700, 37.9500, 54.0654.



This preview shows how white text looks on a background with the XYZ color 37.4700, 37.9500,

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

37.4700, 37.9500, 54.0654

Protanopia

37.2677, 37.8457, 54.0559

Deuteranopia

38.7264, 37.7974, 54.5447



Tritanopia

36.2701, 38.0007, 48.0711

Trichromacy



Original Color

37.4700, 37.9500, 54.0654

Protanomaly

37.2677, 37.8457, 54.0559

Deuteranomaly

38.2607, 37.8177, 54.5732

Tritanomaly

36.7003, 37.9062, 50.1821

Monochromacy



Original Color

37.4700, 37.9500, 54.0654

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.7100, 38.0047, 45.9583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4700, 37.9500, 54.0654 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(162, 164, 190)` looks like.

```
.text, #text, p{  
    color:rgb(162, 164, 190)  
}
```

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(162, 164, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 164, 190) }
```

Border

The CSS property to change the border of an element to XYZ 37.4700, 37.9500, 54.0654 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(162, 164, 190) }
```


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

```
.border{ border-color:rgb(162, 164, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 164, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 164, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 164, 190);  
box-shadow:4px 4px 4px 4px rgb(162, 164,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4700, 37.9500, 54.0654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 164, 190) }
```

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

```
.background{ background-color: rgb(162,  
164, 190) }
```

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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