

Converting Colors

XYZ(36.0141, 37.2608, 50.1626)

Have a look what the booklet for
XYZ(36.0141, 37.2608, 50.1626)
contains.

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Color

**XYZ(35.9233, 37.2389,
50.0942)**

Conversions

Conversions Part 1

Format	Color
Hex	9EA4B7
RGB	158, 164, 183
RGB Percent	62%, 64%, 72%
CMY	0.3804, 0.3568, 0.2823
CMYK	0.14, 0.10, 0.00, 0.28
HSL	226°, 15%, 67%
HSV	226°, 14%, 72%
XYZ	35.9233, 37.2389, 50.0942
YIQ	164.3720, -9.6750, 4.6370

Conversions

Conversions Part 2

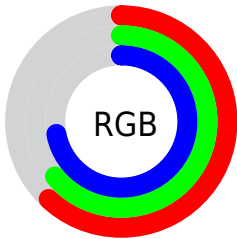
Format	Color
R_{YB}	158, 163, 183
Decimal	10396855
CIE _{Lab}	67.46, 1.78, -10.51
CIE _{LCh}	67, 10.658, 279.629
Yxy	37.2389, 0.2915, 0.3021
Android (android.graphics.Color)	4288586935 (0xFF9EA4B7)
YUV	164.3720, 9.1836, -5.5882
Hunter-Lab	61.0237, -1.7124, -5.9544

Details

The XYZ color **35.9233, 37.2389, 50.0942** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.4225, 43.9802, 38.6545**, and the grayscale version is **35.4256, 37.2705, 40.5876**.

A 20% lighter version of the original color is **68.3521, 71.0412, 91.7711**, and **15.7673, 16.2642, 23.4274** is the 20% darker color. If you saturate the color by 10%, you get **30.2342, 30.8121, 49.1541**, and if you desaturate by 10%, it is **42.4228, 44.4895, 51.1517**.

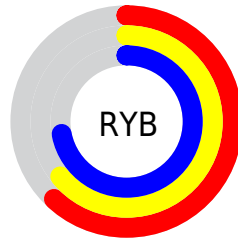
Distribution



Red (62%)

Green (64%)

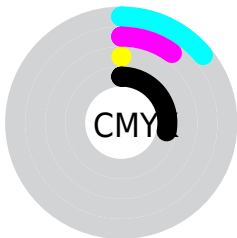
Blue (72%)



Red (62%)

Yellow (64%)

Blue (72%)

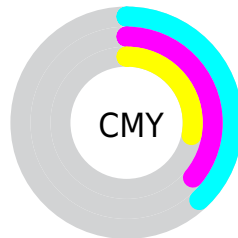


Cyan (14%)

Magenta (10%)

Yellow (0%)

Black (28%)



Cyan (38%)

Magenta (36%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.9233, 37.2389, 50.0942 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 35.9233, 37.2389, 50.0942 by changing the saturation by 10% instead.

■ 35.9233, 37.2389,
50.0942

■ 35.9233, 37.2389,
50.0942

320.0623,
334.3437, 403.7798

■ 24.5448, 25.3925,
35.1165

■ 68.2383, 70.9401,
91.7122

■ 15.8652, 16.3697,
23.4684

■ 89.9055, 93.5636,
119.1896

■ 9.5190, 9.7862,
14.7312

115.7330,
120.5484, 151.6706

■ 5.1410, 5.2574,
8.4864

146.0862,
152.2787, 189.5739

■ 2.3659, 2.3991,
4.3155

181.3303,
189.1390, 233.3179

■ 0.8280, 0.8254,
1.8000

221.8308,

■ 0.0000, 0.0000,

231.5137, 283.3212

0.4280

267.9530,
279.7871, 340.0023

■ 0.0000, 0.0000,
0.0000

■ 35.9233, 37.2389,
50.0942

■ 35.9233, 37.2389,
50.0942

■ 30.2342, 30.8121,
49.1541

■ 42.4228, 44.4895,
51.1517

■ 25.3199, 25.1749,
48.3251

■ 49.7599, 52.5872,
52.3280

■ 21.1469, 20.2972,
47.6035

■ 57.9646, 61.5603,
53.6276

■ 17.6780, 16.1456,
46.9850

■ 67.0642, 71.4344,
55.0539

■ 14.8726, 12.6838,
46.4647

■ 77.0850, 82.2339,
56.6102

■ 12.6858, 9.8723,
46.0373

■ 83.1842, 91.4727,
58.0720

■ 11.0667, 7.6670,
45.6969

■ 85.5474, 96.1989,
58.8598

■ 9.9551, 6.0176,
45.4372

■ 9.4455, 5.2153,
45.3091

Harmonies

Analogous

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



34.3106, 37.2389, 49.5933



35.9233, 37.2389, 50.0942



37.4392, 37.2389, 47.8895

Triad

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



35.9233, 37.2389, 50.0942



37.8732, 37.2389, 35.0674



32.5264, 37.2389, 37.4907

Complementary

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



35.9233, 37.2389, 50.0942



41.4225, 43.9802, 38.6545

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.



33.4256, 37.2389, 33.9959



35.9233, 37.2389, 50.0942



36.5009, 37.2389, 32.6734

Square

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



35.9233, 37.2389, 50.0942



38.5876, 37.2389, 39.0583



34.8708, 37.2389, 32.2968



32.3825, 37.2389, 42.0727

Rectangle

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



35.9233, 37.2389, 50.0942



38.1787, 37.2389, 45.2749



34.8708, 37.2389, 32.2968



32.7490, 37.2389, 36.1600

Sweetspot

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



35.9244, 37.2404, 50.0950



75.4769, 79.1232, 91.5300



38.9457, 44.3011, 47.9634



16.4665, 17.2494, 20.1832



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



35.9244, 37.2404, 50.0950



61.5487, 63.5591, 89.2599



36.1364, 35.7927, 49.8044



8.6915, 9.0603, 11.3701



6.6350, 3.7296, 31.6233



0.2833, 0.2303, 1.1313

Inverse Universe

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



38.4571, 37.2023, 40.2775



66.8700, 63.5417, 68.6184



41.1803, 45.6540, 38.9904



9.0906, 9.0466, 9.8247



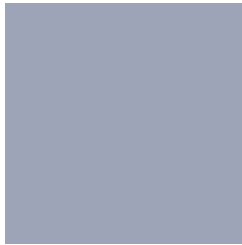
13.9627, 7.1588, 2.4245



0.5172, 0.2623, 0.2168

Previews

White Background



This preview shows how the XYZ color 35.9233, 37.2389, 50.0942 looks on a white background.

Color Contrast Check

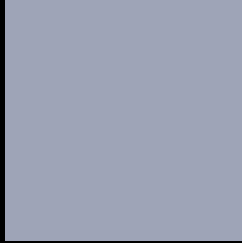
Large Text (above 18pt) WCAG AA × Fail

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 35.9233, 37.2389, 50.0942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

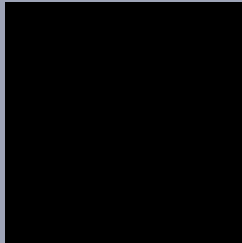
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

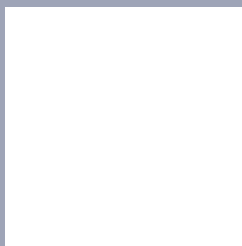
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.9233, 37.2389, 50.0942

Background



This preview shows how black text looks on a background with the XYZ color 35.9233, 37.2389, 50.0942.



This preview shows how white text looks on a background with the XYZ color 35.9233, 37.2389,

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

35.9233, 37.2389, 50.0942

Protanopia

36.4410, 37.2532, 49.5259

Deuteranopia

38.0171, 37.2602, 50.5356



Tritanopia

35.3956, 37.2927, 47.4521

Trichromacy



Original Color

35.9233, 37.2389, 50.0942

Protanomaly

36.2386, 37.1489, 49.5164

Deuteranomaly

37.1225, 37.0574, 50.5436

Tritanomaly

35.5980, 37.3737, 48.5176

Monochromacy



Original Color

35.9233, 37.2389, 50.0942

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.5264, 37.1726, 43.8307

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9233, 37.2389, 50.0942 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(158, 164, 183)` looks like.

```
.text, #text, p{  
    color:rgb(158, 164, 183)  
}
```

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(158, 164, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 164, 183) }
```

Border

The CSS property to change the border of an element to XYZ 35.9233, 37.2389, 50.0942 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(158, 164, 183) }
```


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

```
.border{ border-color:rgb(158, 164, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 164, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 164, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 164, 183);  
box-shadow:4px 4px 4px 4px rgb(158, 164,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9233, 37.2389, 50.0942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 164, 183) }
```

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

```
.background{ background-color: rgb(158,  
164, 183) }
```

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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