

Converting Colors

XYZ(36.9832, 39.3600, 50.5265)

Have a look what the booklet for
XYZ(36.9832, 39.3600, 50.5265)
contains.

XYZ(37.0225, 39.4374, 50.4606)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(37.0225, 39.4374,
50.4606)**

Conversions

Conversions Part 1

Format	Color
Hex	9EAAB7
RGB	158, 170, 183
RGB Percent	62%, 67%, 72%
CMY	0.3804, 0.3333, 0.2823
CMYK	0.14, 0.07, 0.00, 0.28
HSL	211°, 15%, 67%
HSV	211°, 14%, 72%
XYZ	37.0225, 39.4374, 50.4606
YIQ	167.8940, -11.3250, 1.4990

Conversions

Conversions Part 2

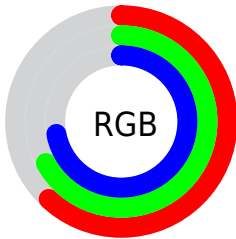
Format	Color
RYB	158, 166, 183
Decimal	10398391
CIELab	69.07, -1.51, -8.11
CIElCh	69, 8.245, 259.439
Yxy	39.4374, 0.2917, 0.3107
Android (android.graphics.Color)	4288588471 (0xFF9EAAB7)
YUV	167.8940, 7.4473, -8.6770
Hunter-Lab	62.7992, -4.6661, -3.6814

Details

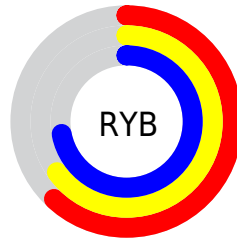
The XYZ color **37.0225, 39.4374, 50.4606** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.2632, 41.6616, 38.2680**, and the grayscale version is **37.1370, 39.0710, 42.5483**.

A 20% lighter version of the original color is **69.9458, 74.2286, 92.3024**, and **16.4516, 17.6327, 23.6555** is the 20% darker color. If you saturate the color by 10%, you get **31.9681, 34.2801, 49.7322**, and if you desaturate by 10%, it is **42.7443, 45.1326, 51.2589**.

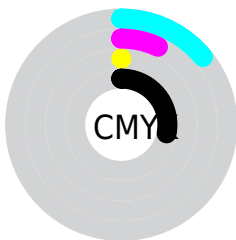
Distribution



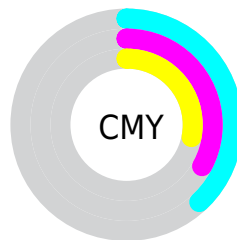
- Red (62%)
- Green (67%)
- Blue (72%)



- Red (62%)
- Yellow (65%)
- Blue (72%)



- Cyan (14%)
- Magenta (7%)
- Yellow (0%)
- Black (28%)



- Cyan (38%)
- Magenta (33%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.0225, 39.4374, 50.4606 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 37.0225, 39.4374, 50.4606 by changing the saturation by 10% instead.

■ 37.0225, 39.4374,
50.4606

■ 37.0225, 39.4374,
50.4606

324.7618,
343.7466, 405.2510

■ 25.3987, 27.1002,
35.4058

■ 69.9210, 74.3060,
92.2603

■ 16.5046, 17.6485,
23.6896

■ 91.9264, 97.6062,
119.8422

■ 9.9751, 10.6979,
14.8934

118.1230,
125.3295, 152.4369

■ 5.4446, 5.8641,
8.5988

148.8761,
157.8604, 190.4629

■ 2.5478, 2.7626,
4.3872

184.5513,
195.5831, 234.3388

■ 0.9194, 1.0091,
1.8401

225.5137,

■ 0.0000, 0.0000,

238.8821, 284.4831

0.4542

272.1287,
288.1418, 341.3143

■ 0.0000, 0.0000,
0.0000

■ 37.0225, 39.4374,
50.4606

■ 37.0225, 39.4374,
50.4606

■ 31.9681, 34.2801,
49.7322

■ 42.7443, 45.1326,
51.2589

■ 27.5515, 29.6381,
49.0689

■ 49.1549, 51.3773,
52.1264

■ 23.7454, 25.4943,
48.4697

■ 56.2789, 58.1891,
53.0657

■ 20.5196, 21.8288,
47.9322

■ 64.1385, 65.5832,
54.0787

■ 17.8407, 18.6199,
47.4540

■ 72.7551, 73.5742,
55.1670

■ 15.6717, 15.8440,
47.0325

■ 77.2812, 79.6665,
56.1044

■ 13.9703, 13.4742,
46.6648

■ 79.9572, 85.0187,
56.9964

■ 12.6862, 11.4798,
46.3475

■ 82.7794, 90.6630,
57.9371

■ 12.0253, 10.3749,
46.1691

■ 85.5474, 96.1989,
58.8598

Harmonies

Analogous

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



35.8637, 39.4374, 48.6807



37.0225, 39.4374, 50.4606



38.3319, 39.4374, 50.1382

Triad

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



37.0225, 39.4374, 50.4606



39.9195, 39.4374, 40.5753



35.5956, 39.4374, 38.4015

Complementary

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



37.0225, 39.4374, 50.4606



40.2632, 41.6616, 38.2680

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.



36.6488, 39.4374, 36.4671



37.0225, 39.4374, 50.4606



39.1525, 39.4374, 37.6704

Square

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



37.0225, 39.4374, 50.4606



40.0253, 39.4374, 44.2817



37.9495, 39.4374, 36.2075



35.0528, 39.4374, 41.6269

Rectangle

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



37.0225, 39.4374, 50.4606



39.1135, 39.4374, 48.7800



37.9495, 39.4374, 36.2075



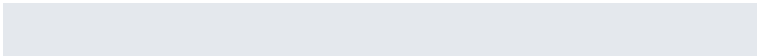
35.9005, 39.4374, 37.5869

Sweetspot

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



37.0237, 39.4390, 50.4615



76.1145, 80.3984, 91.7425



38.3775, 44.0739, 44.9715



16.6324, 17.5811, 20.2385



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.



37.0237, 39.4390, 50.4615



63.8378, 68.1373, 90.0229



34.9575, 35.1849, 49.7492



8.8673, 9.4118, 11.4287



8.4570, 7.3736, 32.2306



0.3602, 0.3840, 1.1569

Inverse Universe

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



39.0119, 37.4242, 43.1995



68.0254, 64.0038, 74.7028



42.5351, 46.3525, 39.0536



9.1794, 9.0821, 10.2919



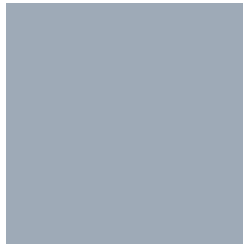
14.8824, 7.5267, 7.2673



0.5559, 0.2779, 0.4211

Previews

White Background



This preview shows how the XYZ color 37.0225, 39.4374, 50.4606 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 37.0225, 39.4374, 50.4606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

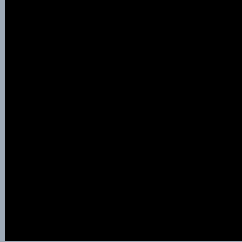
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.0225, 39.4374, 50.4606

Background



This preview shows how black text looks on a background with the XYZ color 37.0225, 39.4374, 50.4606.

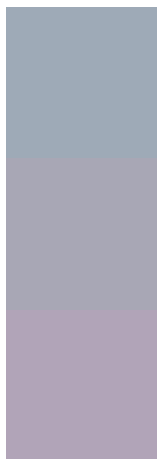


This preview shows how white text looks on a background with the XYZ color 37.0225, 39.4374,

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

37.0225, 39.4374, 50.4606

Protanopia

38.3077, 39.2985, 49.2824

Deuteranopia

40.0587, 39.3587, 50.8331



Tritanopia

37.0225, 39.4374, 50.4606

Trichromacy



Original Color

37.0225, 39.4374, 50.4606

Protanomaly

37.7560, 39.2752, 49.8469

Deuteranomaly

38.8655, 39.2792, 50.8806

Tritanomaly

37.0225, 39.4374, 50.4606

Monochromacy



Original Color

37.0225, 39.4374, 50.4606

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.0406, 39.2856, 45.1658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0225, 39.4374, 50.4606 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, 170, 183)` looks like.

```
.text, #text, p{  
    color:rgb(158, 170, 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, 170, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 170, 183) }
```

Border

The CSS property to change the border of an element to XYZ 37.0225, 39.4374, 50.4606 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, 170, 183) }
```


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

```
.border{ border-color:rgb(158, 170, 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, 170, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 170, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 170, 183);  
box-shadow:4px 4px 4px 4px rgb(158, 170,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0225, 39.4374, 50.4606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 170, 183) }
```

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

```
.background{ background-color: rgb(158,  
170, 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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