

Converting Colors

XYZ(34.4860, 37.3791, 47.7805)

Have a look what the booklet for
XYZ(34.4860, 37.3791, 47.7805)
contains.

- XYZ(34.5331, 37.3761, 48.0421) 3**
- Conversions*** 4
- Details*** 6
- Harmonies*** 12
- Previews*** 24
- Color Blindness Simulation*** 28
- CSS Examples*** 31

Color

**XYZ(34.5331, 37.3761,
48.0421)**

Conversions

Conversions Part 1

Format	Color
Hex	96A7B3
RGB	150, 167, 179
RGB Percent	59%, 65%, 70%
CMY	0.4118, 0.3451, 0.2980
CMYK	0.16, 0.07, 0.00, 0.30
HSL	205°, 16%, 65%
HSV	205°, 16%, 70%
XYZ	34.5331, 37.3761, 48.0421
YIQ	163.2850, -13.9840, 0.1280

Conversions

Conversions Part 2

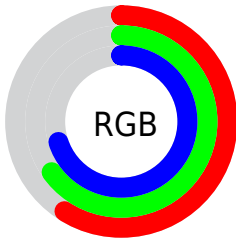
Format	Color
RYB	150, 161, 179
Decimal	9873331
CIELab	67.56, -3.38, -8.19
CIELCh	68, 8.864, 247.563
Yxy	37.3761, 0.2879, 0.3116
Android (android.graphics.Color)	4288063411 (0xFF96A7B3)
YUV	163.2850, 7.7475, -11.6509
Hunter-Lab	61.1360, -6.1610, -3.7963

Details

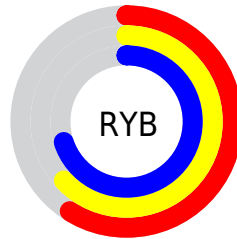
The XYZ color **34.5331, 37.3761, 48.0421** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.0162, 37.6265, 34.1667**, and the grayscale version is **34.9175, 36.7360, 40.0055**.

A 20% lighter version of the original color is **66.0185, 71.0781, 88.8372**, and **15.0422, 16.4205, 22.1153** is the 20% darker color. If you saturate the color by 10%, you get **30.1696, 33.1708, 47.4610**, and if you desaturate by 10%, it is **39.4797, 41.9993, 48.6744**.

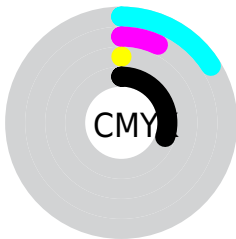
Distribution



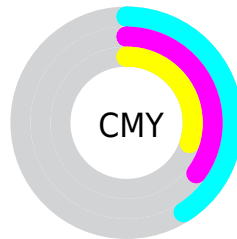
- Red (59%)
- Green (65%)
- Blue (70%)



- Red (59%)
- Yellow (63%)
- Blue (70%)



- Cyan (16%)
- Magenta (7%)
- Yellow (0%)
- Black (30%)



- Cyan (41%)
- Magenta (35%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.5331, 37.3761, 48.0421 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 34.5331, 37.3761, 48.0421 by changing the saturation by 10% instead.

■ 34.5331, 37.3761,
48.0421

■ 34.5331, 37.3761,
48.0421

314.0469,
334.9360, 395.4725

■ 23.4683, 25.4988,
33.5000

■ 66.1006, 71.1509,
88.6333

■ 15.0622, 16.4491,
22.2355

■ 87.3340, 93.8171,
115.5195

■ 8.9497, 9.8425,
13.8301

112.6877,
120.8485, 147.3574

■ 4.7652, 5.2946,
7.8652

142.5269,
152.6294, 184.5656

■ 2.1435, 2.4212,
3.9223

177.2171,
189.5442, 227.5627

■ 0.7127, 0.8367,
1.5828

217.1236,

■ 0.0000, 0.0000,

231.9773, 276.7672

0.2785

262.6117,
280.3131, 332.5976

■ 0.0000, 0.0000,
0.0000

■ 34.5331, 37.3761,
48.0421

■ 34.5331, 37.3761,
48.0421

■ 30.1696, 33.1708,
47.4610

■ 39.4797, 41.9993,
48.6744

■ 26.3619, 29.3645,
46.9270

■ 45.0286, 47.0492,
49.3566

■ 23.0852, 25.9434,
46.4393

■ 51.2023, 52.5403,
50.0911

■ 20.3115, 22.8911,
45.9964

■ 58.0210, 58.4847,
50.8791

■ 18.0100, 20.1896,
45.5962

■ 65.5039, 64.8942,
51.7219

■ 16.1460, 17.8189,
45.2369

■ 72.7801, 71.3212,
52.5789

■ 14.6797, 15.7563,
44.9160

■ 74.6676, 75.0963,
53.2081

■ 13.5589, 13.9726,
44.6308

■ 76.6411, 79.0433,
53.8659

■ 13.1826, 13.3464,
44.5298

■ 78.7016, 83.1643,
54.5528

Harmonies

Analogous

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



33.4859, 37.3761, 45.4498



34.5331, 37.3761, 48.0421



35.8712, 37.3761, 48.6065

Triad

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



34.5331, 37.3761, 48.0421



38.1890, 37.3761, 39.7155



33.9497, 37.3761, 35.0271

Complementary

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



34.5331, 37.3761, 48.0421



37.0162, 37.6265, 34.1667

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.



35.1808, 37.3761, 33.6944



34.5331, 37.3761, 48.0421



37.6449, 37.3761, 36.2862

Square

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



34.5331, 37.3761, 48.0421



38.0049, 37.3761, 43.6313



36.5354, 37.3761, 34.1401



33.1551, 37.3761, 37.8958

Rectangle

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



34.5331, 37.3761, 48.0421



36.7525, 37.3761, 47.7257



36.5354, 37.3761, 34.1401



34.3249, 37.3761, 34.3933

Sweetspot

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



34.5342, 37.3776, 48.0429



71.7609, 76.1895, 87.3050



35.1846, 41.3194, 40.1181



15.7528, 16.7456, 19.3242



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



34.5342, 37.3776, 48.0429



59.3001, 64.5119, 85.7078



32.0900, 32.4893, 47.2282



8.4420, 9.0303, 10.8044



9.3807, 9.5617, 31.4882



0.3510, 0.4126, 1.0094

Inverse Universe

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



36.4727, 34.1873, 41.2374



63.3829, 57.9590, 71.3371



39.6411, 42.8763, 35.0417



8.6983, 8.5860, 9.9097



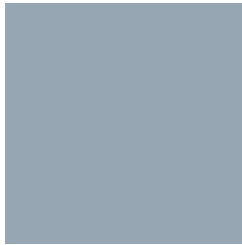
14.9696, 7.5054, 10.2657



0.4992, 0.2474, 0.4715

Previews

White Background



This preview shows how the XYZ color 34.5331, 37.3761, 48.0421 looks on a white background.

Color Contrast Check

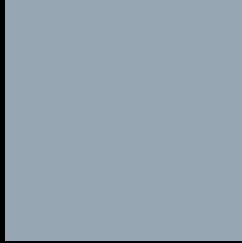
Large Text (above 18pt) WCAG AA × Fail

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 34.5331, 37.3761, 48.0421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

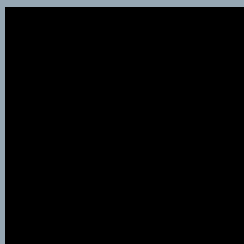
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

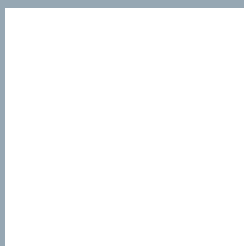
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.5331, 37.3761, 48.0421

Background



This preview shows how black text looks on a background with the XYZ color 34.5331, 37.3761, 48.0421.



This preview shows how white text looks on a background with the XYZ color 34.5331, 37.3761,

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

34.5331, 37.3761, 48.0421

Protanopia

36.3428, 37.2612, 46.8716

Deuteranopia

38.0426, 37.3211, 48.3787



Tritanopia

34.6346, 37.4168, 48.5767

Trichromacy



Original Color

34.5331, 37.3761, 48.0421

Protanomaly

35.6094, 37.1362, 47.4107

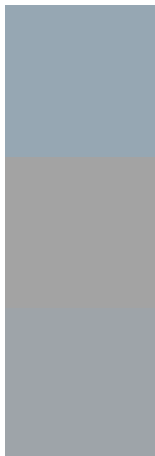
Deuteranomaly

36.8525, 37.4890, 48.4738

Tritanomaly

34.6346, 37.4168, 48.5767

Monochromacy



Original Color

34.5331, 37.3761, 48.0421

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.5374, 36.6846, 42.7966

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5331, 37.3761, 48.0421 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, 167, 179)` looks like.

```
.text, #text, p{  
    color:rgb(150, 167, 179)  
}
```

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, 167, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 167, 179) }
```

Border

The CSS property to change the border of an element to XYZ 34.5331, 37.3761, 48.0421 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, 167, 179) }
```


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

```
.border{ border-color:rgb(150, 167, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 167, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 167, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 167, 179);  
box-shadow:4px 4px 4px 4px rgb(150, 167,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5331, 37.3761, 48.0421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 167, 179) }
```

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

```
.background{ background-color: rgb(150,  
167, 179) }
```

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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