

Converting Colors

XYZ(35.1845, 37.3435, 45.8348)

Have a look what the booklet for
XYZ(35.1845, 37.3435, 45.8348)
contains.

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Color

**XYZ(35.0976, 37.1735,
45.8828)**

Conversions

Conversions Part 1

Format	Color
Hex	9DA5AF
RGB	157, 165, 175
RGB Percent	62%, 65%, 69%
CMY	0.3843, 0.3529, 0.3137
CMYK	0.10, 0.06, 0.00, 0.31
HSL	213°, 10%, 65%
HSV	213°, 10%, 69%
XYZ	35.0976, 37.1735, 45.8828
YIQ	163.7480, -7.9780, 1.4140

Conversions

Conversions Part 2

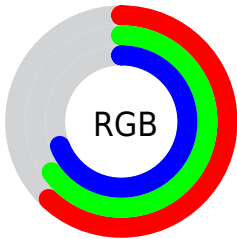
Format	Color
RYB	157, 163, 175
Decimal	10331567
CIELab	67.41, -0.80, -6.14
CIELCh	67, 6.190, 262.594
Yxy	37.1735, 0.2970, 0.3146
Android (android.graphics.Color)	4288521647 (0xFF9DA5AF)
YUV	163.7480, 5.5472, -5.9180
Hunter-Lab	60.9701, -3.9436, -1.9394

Details

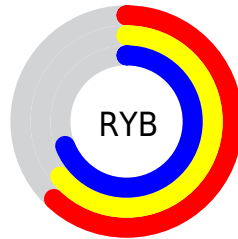
The XYZ color **35.0976, 37.1735, 45.8828** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.5839, 39.1854, 37.4816**, and the grayscale version is **35.1449, 36.9752, 40.2660**.

A 20% lighter version of the original color is **67.1684, 70.9530, 85.7564**, and **15.4241, 16.3045, 21.0730** is the 20% darker color. If you saturate the color by 10%, you get **30.2380, 32.1647, 45.1727**, and if you desaturate by 10%, it is **40.5817, 42.7040, 46.6618**.

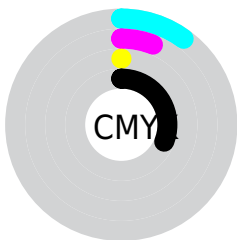
Distribution



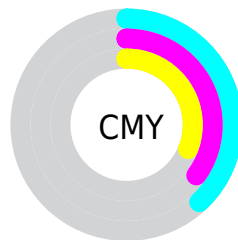
- Red (62%)
- Green (65%)
- Blue (69%)



- Red (62%)
- Yellow (64%)
- Blue (69%)



- Cyan (10%)
- Magenta (6%)
- Yellow (0%)
- Black (31%)



- Cyan (38%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0976, 37.1735, 45.8828 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 35.0976, 37.1735, 45.8828 by changing the saturation by 10% instead.

■ 35.0976, 37.1735,
45.8828

■ 35.0976, 37.1735,
45.8828

316.4994,
334.0611, 386.6011

■ 23.9049, 25.3419,
31.8053

■ 66.9700, 70.8395,
85.3760

■ 15.3875, 16.3319,
20.9493

■ 88.3804, 93.4427,
111.6288

■ 9.1799, 9.7593,
12.8960

113.9274,
120.4052, 142.7772

■ 4.9167, 5.2397,
7.2271

143.9764,
152.1114, 179.2397

■ 2.2327, 2.3886,
3.5239

178.8928,
188.9457, 221.4348

■ 0.7599, 0.8200,
1.3680

219.0418,

■ 0.0000, 0.0000,

231.2925, 269.7810

0.1166

264.7889,
279.5361, 324.6970

■ 0.0000, 0.0000,
0.0000

■ 35.0976, 37.1735,
45.8828

■ 35.0976, 37.1735,
45.8828

■ 30.2380, 32.1647,
45.1727

■ 40.5817, 42.7040,
46.6618

■ 25.9760, 27.6565,
44.5272

■ 46.7094, 48.7674,
47.5092

■ 22.2875, 23.6328,
43.9449

■ 53.5028, 55.3801,
48.4275

■ 19.1453, 20.0750,
43.4238

■ 60.9822, 62.5566,
49.4185

■ 16.5200, 16.9631,
42.9615

■ 69.1668, 70.3106,
50.4838

■ 14.3791, 14.2751,
42.5555

■ 75.4520, 77.3032,
51.5023

■ 12.6857, 11.9868,
42.2031

■ 78.1290, 82.6572,
52.3946

■ 11.3972, 10.0705,
41.9011

■ 80.9575, 88.3143,
53.3375

■ 10.4484, 8.5160,
41.6511

■ 83.9400, 94.2793,
54.3316

Harmonies

Analogous

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



34.2353, 37.1735, 44.7708



35.0976, 37.1735, 45.8828



36.0381, 37.1735, 45.4952

Triad

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



35.0976, 37.1735, 45.8828



37.0441, 37.1735, 38.5006



33.9024, 37.1735, 37.3831

Complementary

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



35.0976, 37.1735, 45.8828



37.5839, 39.1854, 37.4816

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.



34.6358, 37.1735, 35.8396



35.0976, 37.1735, 45.8828



36.4525, 37.1735, 36.4643

Square

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



35.0976, 37.1735, 45.8828



37.1731, 37.1735, 41.1530



35.5680, 37.1735, 35.5109



33.5533, 37.1735, 39.8057

Rectangle

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



35.0976, 37.1735, 45.8828



36.5819, 37.1735, 44.4463



35.5680, 37.1735, 35.5109



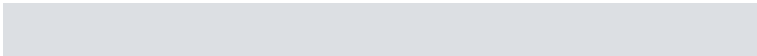
34.1115, 37.1735, 36.7488

Sweetspot

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



35.0987, 37.1751, 45.8836



69.8490, 73.6464, 83.1706



36.2010, 40.6150, 42.4428



15.3468, 16.1900, 18.4605



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



35.0987, 37.1751, 45.8836



61.1013, 64.7825, 81.9208



33.8763, 34.4687, 45.4257



7.8610, 8.3214, 10.1446



7.5418, 6.2175, 29.8471



0.2649, 0.2832, 0.8487

Inverse Universe

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



36.5285, 35.9452, 40.6120



64.1128, 62.2445, 70.8062



38.8942, 42.1050, 37.9760



8.1476, 8.0723, 9.0883



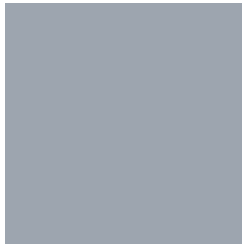
13.6704, 6.9307, 5.9098



0.4081, 0.2039, 0.3108

Previews

White Background



This preview shows how the XYZ color 35.0976, 37.1735, 45.8828 looks on a white background.

Color Contrast Check

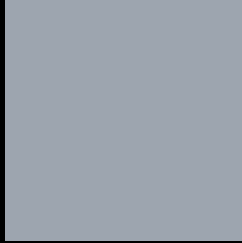
Large Text (above 18pt) WCAG AA × Fail

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 35.0976, 37.1735, 45.8828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

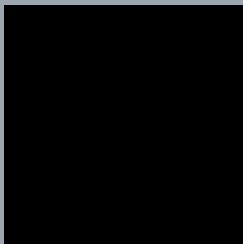
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

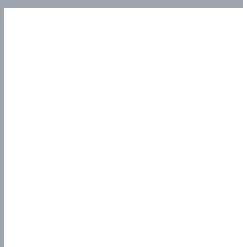
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.0976, 37.1735, 45.8828

Background



This preview shows how black text looks on a background with the XYZ color 35.0976, 37.1735, 45.8828.



This preview shows how white text looks on a background with the XYZ color 35.0976, 37.1735,

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

35.0976, 37.1735, 45.8828

Protanopia

36.0470, 37.1429, 45.3138

Deuteranopia

37.6902, 36.9295, 46.2159



Tritanopia

35.3956, 37.2927, 47.4521

Trichromacy



Original Color

35.0976, 37.1735, 45.8828

Protanomaly

35.6134, 37.1840, 45.3446

Deuteranomaly

36.7298, 36.9492, 46.2703

Tritanomaly

35.2956, 37.2527, 46.9252

Monochromacy



Original Color

35.0976, 37.1735, 45.8828

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.0413, 36.9551, 42.3320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0976, 37.1735, 45.8828 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(157, 165, 175)` looks like.

```
.text, #text, p{  
    color:rgb(157, 165, 175)  
}
```

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(157, 165, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 165, 175) }
```

Border

The CSS property to change the border of an element to XYZ 35.0976, 37.1735, 45.8828 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(157, 165, 175) }
```


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

```
.border{ border-color:rgb(157, 165, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 165, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 165, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 165, 175);  
box-shadow:4px 4px 4px 4px rgb(157, 165,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0976, 37.1735, 45.8828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 165, 175) }
```

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

```
.background{ background-color: rgb(157,  
165, 175) }
```

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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