

Converting Colors

XYZ(35.3026, 36.8587, 52.8313)

Have a look what the booklet for
XYZ(35.3026, 36.8587, 52.8313)
contains.

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Color

**XYZ(35.3015, 36.8572,
52.8305)**

Conversions

Conversions Part 1

Format	Color
Hex	98A4BC
RGB	152, 164, 188
RGB Percent	60%, 64%, 74%
CMY	0.4039, 0.3568, 0.2627
CMYK	0.19, 0.13, 0.00, 0.26
HSL	220°, 21%, 67%
HSV	220°, 19%, 74%
XYZ	35.3015, 36.8572, 52.8305
YIQ	163.1480, -14.8560, 4.9200

Conversions

Conversions Part 2

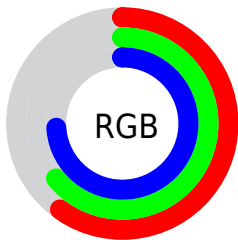
Format	Color
RYB	152, 161, 188
Decimal	10003644
CIELab	67.17, 0.92, -13.76
CIElCh	67, 13.793, 273.817
Yxy	36.8572, 0.2824, 0.2949
Android (android.graphics.Color)	4288193724 (0xFF98A4BC)
YUV	163.1480, 12.2520, -9.7768
Hunter-Lab	60.7101, -2.4492, -9.0976

Details

The XYZ color **35.3015, 36.8572, 52.8305** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.9322, 44.0091, 35.9912**, and the grayscale version is **34.8326, 36.6466, 39.9081**.

A 20% lighter version of the original color is **67.3928, 70.4601, 95.6361**, and **15.5342, 16.1043, 25.2114** is the 20% darker color. If you saturate the color by 10%, you get **29.9246, 30.9191, 51.9683**, and if you desaturate by 10%, it is **41.4594, 43.5279, 53.7941**.

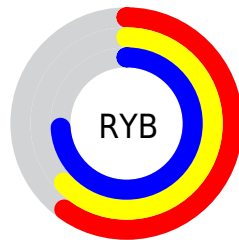
Distribution



Red (60%)

Green (64%)

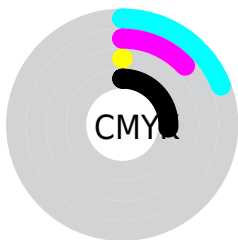
Blue (74%)



Red (60%)

Yellow (63%)

Blue (74%)

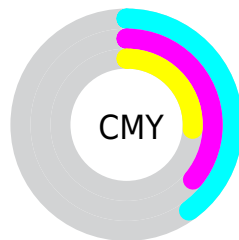


Cyan (19%)

Magenta (13%)

Yellow (0%)

Black (26%)



Cyan (40%)

Magenta (36%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3015, 36.8572, 52.8305 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 35.3015, 36.8572, 52.8305 by changing the saturation by 10% instead.

■ 35.3015, 36.8572,
52.8305

■ 35.3015, 36.8572,
52.8305

317.3819,
332.6919, 414.6823

■ 24.0628, 25.0969,
37.2807

■ 67.2835, 70.3531,
95.7939

■ 15.5052, 16.1493,
25.1274

■ 88.7576, 92.8575,
124.0446

■ 9.2633, 9.6299,
15.9521

114.3741,
119.7122, 157.3660

■ 4.9718, 5.1542,
9.3363

144.4986,
151.3014, 196.1766

■ 2.2653, 2.3380,
4.8614

179.4962,
188.0095, 240.8950

■ 0.7768, 0.7937,
2.1088

219.7324,

■ 0.0000, 0.0000,

230.2211, 291.9397

0.6210

265.5725,
278.3204, 349.7293

■ 0.0000, 0.0000,
0.0000

■ 35.3015, 36.8572,
52.8305

■ 35.3015, 36.8572,
52.8305

■ 29.9246, 30.9191,
51.9683

■ 41.4594, 43.5279,
53.7941

■ 25.2928, 25.6828,
51.2017

■ 48.4256, 50.9516,
54.8599

■ 21.3722, 21.1220,
50.5280

■ 56.2300, 59.1532,
56.0316

■ 18.1249, 17.2066,
49.9435

■ 64.9001, 68.1555,
57.3123

■ 15.5091, 13.9043,
49.4439

■ 74.4620, 77.9798,
58.7046

■ 13.4781, 11.1792,
49.0250

■ 81.2418, 86.7401,
60.0381

■ 11.9775, 8.9909,
48.6817

■ 85.0431, 94.3427,
61.3053

■ 10.9162, 7.2792,
48.4072

■ 86.0772, 96.4109,
61.6499

■ 10.8369, 7.1502,
48.3865

Harmonies

Analogous

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



33.2776, 36.8572, 51.4462



35.3015, 36.8572, 52.8305



37.3306, 36.8572, 50.5420

Triad

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



35.3015, 36.8572, 52.8305



38.4997, 36.8572, 34.0251



31.5269, 36.8572, 35.2352

Complementary

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



35.3015, 36.8572, 52.8305



41.9322, 44.0091, 35.9912

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.



32.8291, 36.8572, 31.2583



35.3015, 36.8572, 52.8305



36.8463, 36.8572, 30.6103

Square

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



35.3015, 36.8572, 52.8305



39.2231, 36.8572, 39.3653



34.7632, 36.8572, 29.6499



31.1500, 36.8572, 40.9070

Rectangle

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



35.3015, 36.8572, 52.8305



38.3978, 36.8572, 47.3636



34.7632, 36.8572, 29.6499



31.8683, 36.8572, 33.6753

Sweetspot

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



35.3026, 36.8587, 52.8313



78.8308, 82.8436, 98.0618



38.7101, 45.7534, 47.5555



16.7803, 17.6313, 21.0613



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



35.3026, 36.8587, 52.8313



59.6899, 62.0899, 95.0648



34.2890, 33.2967, 52.1972



9.2694, 9.7311, 12.0620



7.4400, 4.9917, 32.9643



0.3528, 0.3183, 1.3117

Inverse Universe

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



38.6691, 35.8291, 40.0013



66.9710, 60.0733, 67.2682



43.0848, 48.2524, 36.7495



9.6578, 9.5874, 10.5872



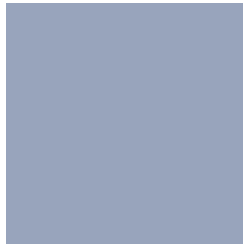
14.7561, 7.5336, 4.0094



0.6090, 0.3075, 0.3202

Previews

White Background



This preview shows how the XYZ color 35.3015, 36.8572, 52.8305 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 35.3015, 36.8572, 52.8305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

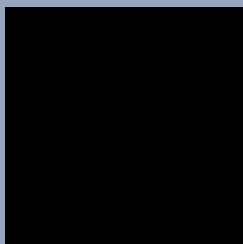
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

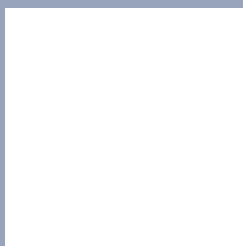
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.3015, 36.8572, 52.8305

Background



This preview shows how black text looks on a background with the XYZ color 35.3015, 36.8572, 52.8305.



This preview shows how white text looks on a background with the XYZ color 35.3015, 36.8572,

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

35.3015, 36.8572, 52.8305

Protanopia

36.1880, 36.7994, 52.2094

Deuteranopia

37.5198, 36.6859, 53.2477



Tritanopia

34.3506, 37.0111, 47.9812

Trichromacy



Original Color

35.3015, 36.8572, 52.8305

Protanomaly

35.7771, 36.8502, 52.2408

Deuteranomaly

36.8305, 36.8452, 53.3148

Tritanomaly

34.6611, 36.8670, 49.5452

Monochromacy



Original Color

35.3015, 36.8572, 52.8305

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.8417, 36.5439, 44.2470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3015, 36.8572, 52.8305 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(152, 164, 188)` looks like.

```
.text, #text, p{  
    color:rgb(152, 164, 188)  
}
```

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(152, 164, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 164, 188) }
```

Border

The CSS property to change the border of an element to XYZ 35.3015, 36.8572, 52.8305 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(152, 164, 188) }
```


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

```
.border{ border-color:rgb(152, 164, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 164, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 164, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 164, 188);  
box-shadow:4px 4px 4px 4px rgb(152, 164,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3015, 36.8572, 52.8305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 164, 188) }
```

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

```
.background{ background-color: rgb(152,  
164, 188) }
```

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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