

Converting Colors

XYZ(35.9903, 37.4076, 51.8598)

Have a look what the booklet for
XYZ(35.9903, 37.4076, 51.8598)
contains.

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Color

**XYZ(36.0284, 37.5234,
51.7982)**

Conversions

Conversions Part 1

Format	Color
Hex	9CA5BA
RGB	156, 165, 186
RGB Percent	61%, 65%, 73%
CMY	0.3882, 0.3529, 0.2706
CMYK	0.16, 0.11, 0.00, 0.27
HSL	222°, 18%, 67%
HSV	222°, 16%, 73%
XYZ	36.0284, 37.5234, 51.7982
YIQ	164.7030, -12.1050, 4.6230

Conversions

Conversions Part 2

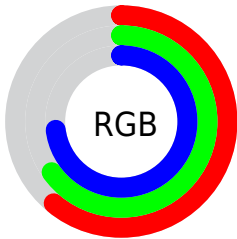
Format	Color
R_{YB}	156, 163, 186
Decimal	10266042
CIE Lab	67.67, 1.22, -11.87
CIE LCh	68, 11.936, 275.872
Yxy	37.5234, 0.2874, 0.2993
Android (android.graphics.Color)	4288456122 (0xFF9CA5BA)
YUV	164.7030, 10.4994, -7.6325
Hunter-Lab	61.2563, -2.2124, -7.2560

Details

The XYZ color **36.0284, 37.5234, 51.7982** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.9729, 44.2836, 37.7887**, and the grayscale version is **35.5784, 37.4313, 40.7626**.

A 20% lighter version of the original color is **68.4842, 71.4461, 94.1854**, and **15.8477, 16.4468, 24.5296** is the 20% darker color. If you saturate the color by 10%, you get **30.4714, 31.3492, 50.8999**, and if you desaturate by 10%, it is **42.3779, 44.4630, 52.8036**.

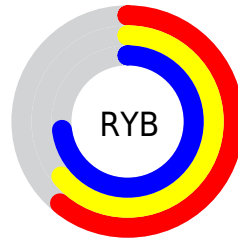
Distribution



Red (61%)

Green (65%)

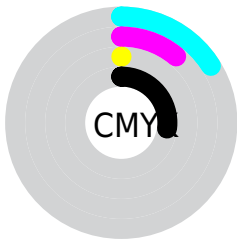
Blue (73%)



Red (61%)

Yellow (64%)

Blue (73%)

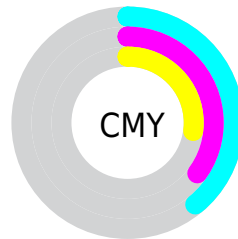


Cyan (16%)

Magenta (11%)

Yellow (0%)

Black (27%)



Cyan (39%)

Magenta (35%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0284, 37.5234, 51.7982 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 36.0284, 37.5234, 51.7982 by changing the saturation by 10% instead.

■ 36.0284, 37.5234,
51.7982

■ 36.0284, 37.5234,
51.7982

320.5137,
335.5710, 410.5918

■ 24.6263, 25.6130,
36.4631

■ 68.3995, 71.3770,
94.2571

■ 15.9261, 16.5343,
24.4996

■ 90.0992, 94.0891,
122.2180

■ 9.5624, 9.9031,
15.4890

115.9622,
121.1704, 155.2246

■ 5.1698, 5.3347,
9.0129

146.3538,
153.0055, 193.6954

■ 2.3830, 2.4450,
4.6526

181.6395,
189.9787, 238.0490

■ 0.8366, 0.8489,
1.9898

222.1844,

■ 0.0000, 0.0000,

232.4745, 288.7039

0.5490

268.3540,
280.8771, 346.0787

■ 0.0000, 0.0000,
0.0000

■ 36.0284, 37.5234,
51.7982

■ 36.0284, 37.5234,
51.7982

■ 30.4714, 31.3492,
50.8999

■ 42.3779, 44.4630,
52.8036

■ 25.6713, 25.9086,
50.1028

■ 49.5468, 52.1889,
53.9170

■ 21.5950, 21.1743,
49.4038

■ 57.5646, 60.7272,
55.1425

■ 18.2053, 17.1156,
48.7991

■ 66.4587, 70.1013,
56.4831

■ 15.4615, 13.6991,
48.2842

■ 76.2549, 80.3335,
57.9418

■ 13.3184, 10.8884,
47.8547

■ 82.1885, 88.9762,
59.2973

■ 11.7242, 8.6427,
47.5052

■ 85.8630, 96.3252,
60.5221

■ 10.6141, 6.9135,
47.2300

■ 10.2682, 6.3555,
47.1405

Harmonies

Analogous

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



34.2368, 37.5234, 50.8288



36.0284, 37.5234, 51.7982



37.7804, 37.5234, 49.6380

Triad

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



36.0284, 37.5234, 51.7982



38.6120, 37.5234, 35.1973



32.5297, 37.5234, 36.8496

Complementary

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



36.0284, 37.5234, 51.7982



41.9729, 44.2836, 37.7887

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.



33.6298, 37.5234, 33.1772



36.0284, 37.5234, 51.7982



37.1321, 37.5234, 32.2823

Square

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



36.0284, 37.5234, 51.7982



39.3047, 37.5234, 39.8277



35.3038, 37.5234, 31.5757



32.2570, 37.5234, 41.9030

Rectangle

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



36.0284, 37.5234, 51.7982



38.6773, 37.5234, 46.8147



35.3038, 37.5234, 31.5757



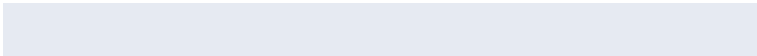
32.8131, 37.5234, 35.4268

Sweetspot

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



36.0295, 37.5250, 51.7990



78.0998, 81.9875, 95.9103



39.1560, 45.3408, 48.0228



17.0069, 17.8469, 21.0910



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.



36.0295, 37.5250, 51.7990



61.9424, 64.3014, 93.3481



35.5511, 34.9521, 51.3276



8.7349, 9.1471, 11.3846



6.9663, 4.3923, 31.7337



0.3016, 0.2668, 1.1374

Inverse Universe

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



38.9306, 36.9336, 40.6761



68.1311, 63.1567, 69.5945



42.4993, 47.2822, 38.3398



9.1126, 9.0554, 9.9402



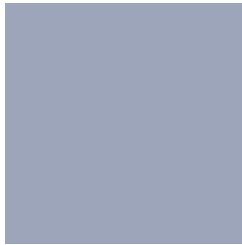
14.1299, 7.2257, 3.3051



0.5264, 0.2660, 0.2653

Previews

White Background



This preview shows how the XYZ color 36.0284, 37.5234, 51.7982 looks on a white background.

Color Contrast Check

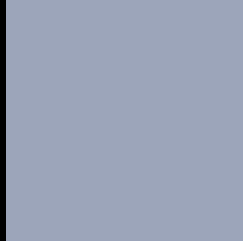
Large Text (above 18pt) WCAG AA × Fail

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 36.0284, 37.5234, 51.7982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

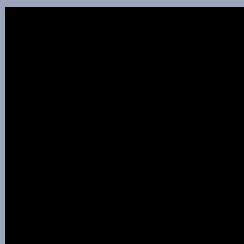
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

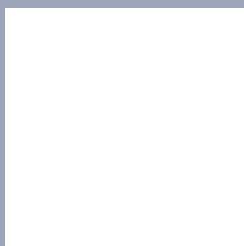
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.0284, 37.5234, 51.7982

Background



This preview shows how black text looks on a background with the XYZ color 36.0284, 37.5234, 51.7982.



This preview shows how white text looks on a background with the XYZ color 36.0284, 37.5234,

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

36.0284, 37.5234, 51.7982

Protanopia

36.7544, 37.3786, 51.1766

Deuteranopia

38.1180, 37.2755, 52.1996



Tritanopia

35.2905, 37.4957, 48.0252

Trichromacy



Original Color

36.0284, 37.5234, 51.7982

Protanomaly

36.5296, 37.5273, 51.2171

Deuteranomaly

37.4070, 37.4278, 52.2664

Tritanomaly

35.5973, 37.6184, 49.6409

Monochromacy



Original Color

36.0284, 37.5234, 51.7982

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.8983, 37.6088, 44.9023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0284, 37.5234, 51.7982 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(156, 165, 186)` looks like.

```
.text, #text, p{  
    color:rgb(156, 165, 186)  
}
```

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(156, 165, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 165, 186) }
```

Border

The CSS property to change the border of an element to XYZ 36.0284, 37.5234, 51.7982 is called "border". The border property can be set on classes, ids or directly on the HTML element.

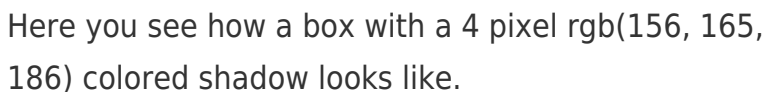
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 165, 186) }
```


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

```
.border{ border-color:rgb(156, 165, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 165, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 165, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 165, 186); box-shadow:4px 4px 4px 4px rgb(156, 165, 186) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0284, 37.5234, 51.7982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 165, 186) }
```

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

```
.background{ background-color: rgb(156,  
165, 186) }
```

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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