

Converting Colors

XYZ(35.2337, 34.9241, 56.5138)

Have a look what the booklet for
XYZ(35.2337, 34.9241, 56.5138)
contains.

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Color

**XYZ(35.2337, 34.9241,
56.5138)**

Conversions

Conversions Part 1

Format	Color
Hex	9A9DC3
RGB	154, 157, 195
RGB Percent	60%, 62%, 76%
CMY	0.3961, 0.3843, 0.2353
CMYK	0.21, 0.19, 0.00, 0.24
HSL	236°, 25%, 68%
HSV	236°, 21%, 76%
XYZ	35.2337, 34.9241, 56.5138
YIQ	160.4350, -13.9860, 11.1820

Conversions

Conversions Part 2

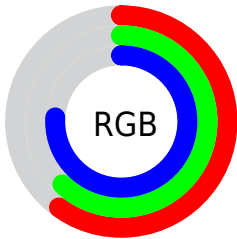
Format	Color
RYB	154, 157, 195
Decimal	10132931
CIELab	65.69, 7.07, -19.89
CIElCh	66, 21.104, 289.568
Yxy	34.9241, 0.2781, 0.2757
Android (android.graphics.Color)	4288323011 (0xFF9A9DC3)
YUV	160.4350, 17.0405, -5.6435
Hunter-Lab	59.0966, 3.0035, -15.3311

Details

The XYZ color **35.2337, 34.9241, 56.5138** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.1884, 51.6344, 38.0521**, and the grayscale version is **33.5436, 35.2905, 38.4314**.

A 20% lighter version of the original color is **67.1594, 67.1721, 101.5213**, and **15.4412, 15.0559, 27.2915** is the 20% darker color. If you saturate the color by 10%, you get **28.9848, 27.4951, 55.4098**, and if you desaturate by 10%, it is **42.5400, 43.5713, 57.7984**.

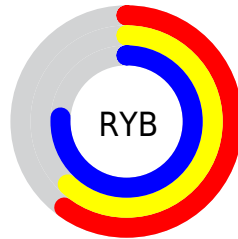
Distribution



Red (60%)

Green (62%)

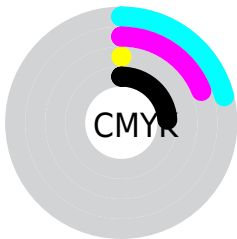
Blue (76%)



Red (60%)

Yellow (62%)

Blue (76%)

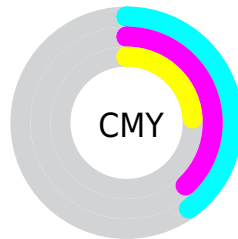


Cyan (21%)

Magenta (19%)

Yellow (0%)

Black (24%)



Cyan (40%)

Magenta (38%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2337, 34.9241, 56.5138 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 35.2337, 34.9241, 56.5138 by changing the saturation by 10% instead.

■ 35.2337, 34.9241,
56.5138

■ 35.2337, 34.9241,
56.5138

317.0886,
324.2332, 429.0675

■ 24.0103, 23.6044,
40.2083

■ 67.1793, 67.3682,
101.2487

■ 15.4660, 15.0404,
27.3859

■ 88.6322, 89.2613,
130.5151

■ 9.2356, 8.8478,
17.6283

114.2257,
115.4478, 164.9389

■ 4.9535, 4.6420,
10.5168

144.3250,
146.3119, 204.9387

■ 2.2545, 2.0388,
5.6329

179.2956,
182.2382, 250.9328

■ 0.7712, 0.6299,
2.5580

219.5029,

■ 0.0000, 0.0000,

223.6108, 303.3400

0.8707

265.3121,
270.8144, 362.5787

■ 0.0000, 0.0000,
0.0000

■ 35.2337, 34.9241,
56.5138

■ 35.2337, 34.9241,
56.5138

■ 28.9848, 27.4951,
55.4098

■ 42.5400, 43.5713,
57.7984

■ 23.7411, 21.2255,
54.4760

■ 50.9461, 53.4835,
59.2686

■ 19.4510, 16.0580,
53.7047

■ 60.4961, 64.7104,
60.9322

■ 16.0570, 11.9287,
53.0865

■ 71.2305, 77.2976,
62.7960

■ 13.4954, 8.7672,
52.6113

■ 83.1882, 91.2884,
64.8663

■ 11.6938, 6.4942,
52.2675

■ 86.8504, 96.7202,
65.7217

■ 10.5676, 5.0179,
52.0419

■ 10.0112, 4.2617,
51.9253

Harmonies

Analogous

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



32.1252, 34.9241, 57.4364



35.2337, 34.9241, 56.5138



37.9478, 34.9241, 50.2247

Triad

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



35.2337, 34.9241, 56.5138



37.2177, 34.9241, 26.4428



27.6636, 34.9241, 35.0144

Complementary

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



35.2337, 34.9241, 56.5138



47.1884, 51.6344, 38.0521

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.



28.8553, 34.9241, 27.9828



35.2337, 34.9241, 56.5138



34.2868, 34.9241, 23.5710

Square

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



35.2337, 34.9241, 56.5138



39.1418, 34.9241, 32.5839



31.2352, 34.9241, 24.0870



27.8821, 34.9241, 44.0435

Rectangle

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



35.2337, 34.9241, 56.5138



39.1074, 34.9241, 44.3114



31.2352, 34.9241, 24.0870



27.9095, 34.9241, 32.3657

Sweetspot

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



35.2348, 34.9255, 56.5146



83.3630, 86.5028, 104.7728



42.3106, 49.6883, 56.9889



18.0370, 18.6854, 22.9059



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



35.2348, 34.9255, 56.5146



57.9946, 56.4837, 100.3156



38.2195, 35.7195, 56.5105



9.5862, 9.8638, 12.6835



6.5308, 2.8181, 33.7563



0.3030, 0.1633, 1.4654

Inverse Universe

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



40.1480, 37.1485, 36.9542



68.3112, 61.2133, 59.2291



43.6895, 50.8191, 38.0791



10.1025, 10.0896, 10.6301



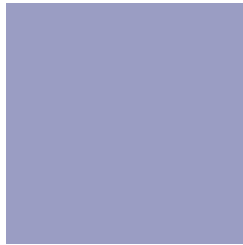
14.6924, 7.5667, 1.0264



0.6453, 0.3311, 0.0996

Previews

White Background



This preview shows how the XYZ color 35.2337, 34.9241, 56.5138 looks on a white background.

Color Contrast Check

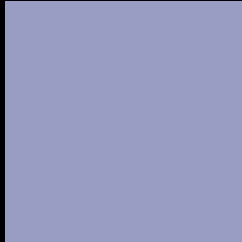
Large Text (above 18pt) WCAG AA × Fail

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 35.2337, 34.9241, 56.5138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

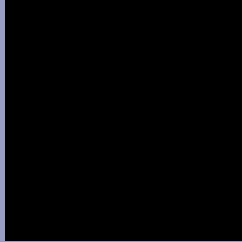
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.2337, 34.9241, 56.5138

Background



This preview shows how black text looks on a background with the XYZ color 35.2337, 34.9241, 56.5138.



This preview shows how white text looks on a background with the XYZ color 35.2337, 34.9241,

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

35.2337, 34.9241, 56.5138

Protanopia

34.9532, 35.0186, 57.1416

Deuteranopia

35.6434, 34.8852, 56.4847



Tritanopia

32.9625, 35.0298, 45.0685

Trichromacy



Original Color

35.2337, 34.9241, 56.5138

Protanomaly

35.1396, 35.1146, 57.1503

Deuteranomaly

35.4491, 34.7850, 56.4756

Tritanomaly

33.7768, 35.0983, 49.2504

Monochromacy



Original Color

35.2337, 34.9241, 56.5138

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.0415, 35.0825, 44.5126

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2337, 34.9241, 56.5138 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(154, 157, 195)` looks like.

```
.text, #text, p{  
    color:rgb(154, 157, 195)  
}
```

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(154, 157, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 157, 195) }
```

Border

The CSS property to change the border of an element to XYZ 35.2337, 34.9241, 56.5138 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(154, 157, 195) }
```


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

```
.border{ border-color:rgb(154, 157, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 157, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 157, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 157, 195);  
box-shadow:4px 4px 4px 4px rgb(154, 157,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2337, 34.9241, 56.5138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 157, 195) }
```

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

```
.background{ background-color: rgb(154,  
157, 195) }
```

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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