

Converting Colors

XYZ(35.3260, 36.1885, 44.4297)

Have a look what the booklet for
XYZ(35.3260, 36.1885, 44.4297)
contains.

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Color

**XYZ(35.3920, 36.2934,
44.6751)**

Conversions

Conversions Part 1

Format	Color
Hex	A3A1AD
RGB	163, 161, 173
RGB Percent	64%, 63%, 68%
CMY	0.3608, 0.3686, 0.3216
CMYK	0.06, 0.07, 0.00, 0.32
HSL	250°, 7%, 65%
HSV	250°, 7%, 68%
XYZ	35.3920, 36.2934, 44.6751
YIQ	162.9660, -2.6600, 4.1560

Conversions

Conversions Part 2

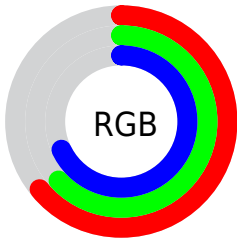
Format	Color
RYB	163, 161, 173
Decimal	10723757
CIELab	66.74, 3.06, -5.95
CIElCh	67, 6.696, 297.215
Yxy	36.2934, 0.3042, 0.3119
Android (android.graphics.Color)	4288913837 (0xFFA3A1AD)
YUV	162.9660, 4.9468, 0.0298
Hunter-Lab	60.2440, -0.5623, -1.7968

Details

The XYZ color **35.3920, 36.2934, 44.6751** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.1724, 41.1192, 39.6449**, and the grayscale version is **34.7759, 36.5870, 39.8432**.

A 20% lighter version of the original color is **67.4729, 69.6186, 83.2803**, and **15.5827, 15.9118, 20.3392** is the 20% darker color. If you saturate the color by 10%, you get **29.7898, 29.2244, 43.6065**, and if you desaturate by 10%, it is **41.7513, 44.3756, 45.9005**.

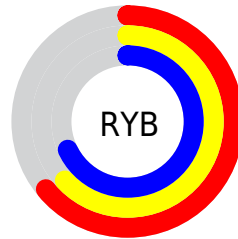
Distribution



Red (64%)

Green (63%)

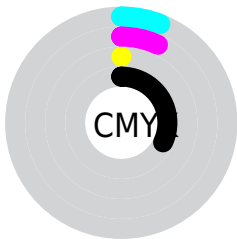
Blue (68%)



Red (64%)

Yellow (63%)

Blue (68%)

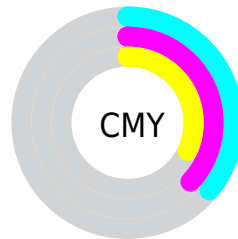


Cyan (6%)

Magenta (7%)

Yellow (0%)

Black (32%)



Cyan (36%)

Magenta (37%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3920, 36.2934, 44.6751 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 35.3920, 36.2934, 44.6751 by changing the saturation by 10% instead.

■ 35.3920, 36.2934,
44.6751

■ 35.3920, 36.2934,
44.6751

317.7730,
330.2411, 381.5778

■ 24.1329, 24.6609,
30.8605

■ 67.4226, 69.4847,
83.5459

■ 15.5575, 15.8246,
20.2351

■ 88.9249, 91.8122,
109.4392

■ 9.3004, 9.4001,
12.3803

114.5722,
118.4736, 140.1959

■ 4.9963, 5.0031,
6.8775

144.7301,
149.8531, 176.2344

■ 2.2799, 2.2491,
3.3083

179.7637,
186.3353, 217.9733

■ 0.7843, 0.7465,
1.2542

220.0385,

■ 0.0000, 0.0000,

228.3044, 265.8311

0.0238

265.9198,
276.1449, 320.2264

■ 0.0000, 0.0000,
0.0000

■ 35.3920, 36.2934,
44.6751

■ 35.3920, 36.2934,
44.6751

■ 29.7898, 29.2244,
43.6065

■ 41.7513, 44.3756,
45.9005

■ 24.9131, 23.1241,
42.6860

■ 48.8914, 53.5042,
47.2862

■ 20.7329, 17.9514,
41.9079

■ 56.8386, 63.7164,
48.8385

■ 17.2170, 13.6604,
41.2650

■ 65.6175, 75.0462,
50.5626

■ 14.3306, 10.2016,
40.7495

■ 75.2512, 87.5263,
52.4638

■ 12.0354, 7.5201,
40.3529

■ 82.5542, 94.7719,
53.4774

■ 10.2893, 5.5546,
40.0655

■ 84.5429, 95.7972,
53.5705

■ 9.0439, 4.2342,
39.8763

■ 8.2351, 3.4594,
39.7694

Harmonies

Analogous

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



34.4015, 36.2934, 45.3397



35.3920, 36.2934, 44.6751



36.1551, 36.2934, 42.6076

Triad

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



35.3920, 36.2934, 44.6751



35.5586, 36.2934, 35.0215



32.5913, 36.2934, 39.2476

Complementary

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



35.3920, 36.2934, 44.6751



38.1724, 41.1192, 39.6449

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.



32.8880, 36.2934, 36.5803



35.3920, 36.2934, 44.6751



34.5903, 36.2934, 34.2160

Square

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



35.3920, 36.2934, 44.6751



36.2526, 36.2934, 37.0268



33.6148, 36.2934, 34.7727



32.7967, 36.2934, 42.1171

Rectangle

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



35.3920, 36.2934, 44.6751



36.4254, 36.2934, 40.7615



33.6148, 36.2934, 34.7727



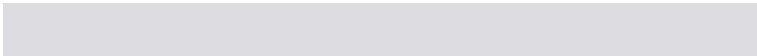
32.6355, 36.2934, 38.2988

Sweetspot

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



35.3931, 36.2949, 44.6759



68.7942, 71.8625, 81.0508



36.8426, 39.7966, 45.2754



14.9785, 15.6529, 17.6195



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



35.3931, 36.2949, 44.6759



62.1067, 63.3814, 79.7662



36.6082, 36.9214, 44.7328



7.6986, 7.8189, 10.0561



5.9436, 2.4239, 29.1991



0.2020, 0.0863, 0.8140

Inverse Universe

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



37.3303, 37.3158, 43.7648



66.1498, 65.5123, 77.8524



36.9364, 40.4820, 39.5870



8.2789, 8.1248, 9.7797



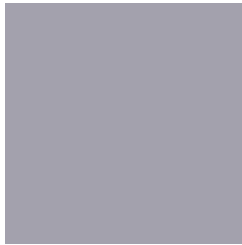
16.3877, 8.0176, 20.2187



0.4708, 0.2290, 0.6412

Previews

White Background



This preview shows how the XYZ color 35.3920, 36.2934, 44.6751 looks on a white background.

Color Contrast Check

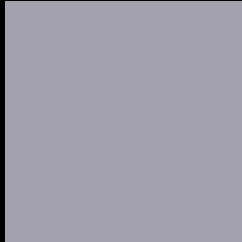
Large Text (above 18pt) WCAG AA × Fail

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 35.3920, 36.2934, 44.6751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

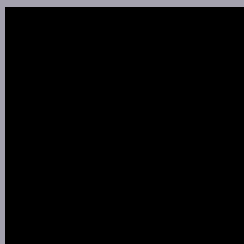
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

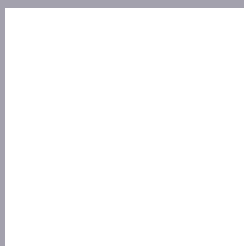
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.3920, 36.2934, 44.6751

Background



This preview shows how black text looks on a background with the XYZ color 35.3920, 36.2934, 44.6751.

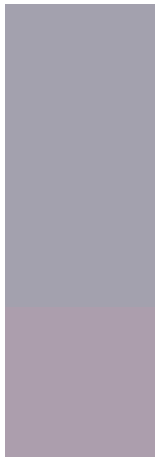


This preview shows how white text looks on a background with the XYZ color 35.3920, 36.2934,

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

35.3920, 36.2934, 44.6751

Protanopia

35.1880, 36.1883, 44.6656

Deuteranopia

37.1004, 36.3939, 45.1137



Tritanopia

35.4891, 36.3323, 45.1867

Trichromacy



Original Color

35.3920, 36.2934, 44.6751

Protanomaly

35.1880, 36.1883, 44.6656

Deuteranomaly

36.4003, 36.2873, 45.1300

Tritanomaly

35.4891, 36.3323, 45.1867

Monochromacy



Original Color

35.3920, 36.2934, 44.6751

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.9996, 36.4172, 41.7438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3920, 36.2934, 44.6751 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(163, 161, 173)` looks like.

```
.text, #text, p{  
    color:rgb(163, 161, 173)  
}
```

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(163, 161, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 161, 173) }
```

Border

The CSS property to change the border of an element to XYZ 35.3920, 36.2934, 44.6751 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(163, 161, 173) }
```


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

```
.border{ border-color:rgb(163, 161, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 161, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 161, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 161, 173);  
box-shadow:4px 4px 4px 4px rgb(163, 161,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3920, 36.2934, 44.6751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 161, 173) }
```

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

```
.background{ background-color: rgb(163,  
161, 173) }
```

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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