

Converting Colors

XYZ(35.6375, 36.9318, 45.2946)

Have a look what the booklet for
XYZ(35.6375, 36.9318, 45.2946)
contains.

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Color

**XYZ(35.6375, 36.9318,
45.2946)**

Conversions

Conversions Part 1

Format	Color
Hex	A2A3AE
RGB	162, 163, 174
RGB Percent	64%, 64%, 68%
CMY	0.3647, 0.3608, 0.3176
CMYK	0.07, 0.06, 0.00, 0.32
HSL	235°, 7%, 66%
HSV	235°, 7%, 68%
XYZ	35.6375, 36.9318, 45.2946
YIQ	163.9550, -4.1270, 3.2090

Conversions

Conversions Part 2

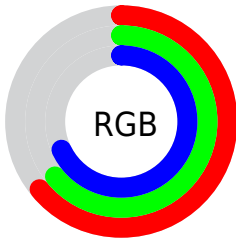
Format	Color
RYB	162, 163, 174
Decimal	10658734
CIELab	67.23, 1.81, -5.81
CIELCh	67, 6.083, 287.340
Yxy	36.9318, 0.3024, 0.3133
Android (android.graphics.Color)	4288848814 (0xFFA2A3AE)
YUV	163.9550, 4.9522, -1.7145
Hunter-Lab	60.7715, -1.6747, -1.6503

Details

The XYZ color **35.6375, 36.9318, 45.2946** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.9208, 41.4941, 40.1409**, and the grayscale version is **35.2447, 37.0802, 40.3803**.

A 20% lighter version of the original color is **67.8295, 70.5517, 84.1716**, and **15.6277, 16.0890, 20.6942** is the 20% darker color. If you saturate the color by 10%, you get **29.6897, 29.9249, 44.2562**, and if you desaturate by 10%, it is **42.4336, 44.9080, 46.4765**.

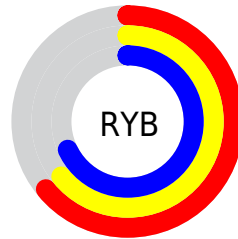
Distribution



Red (64%)

Green (64%)

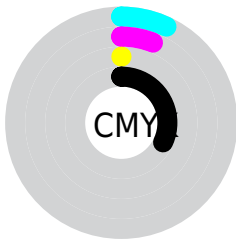
Blue (68%)



Red (64%)

Yellow (64%)

Blue (68%)

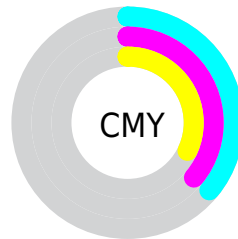


Cyan (7%)

Magenta (6%)

Yellow (0%)

Black (32%)



Cyan (36%)

Magenta (36%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.6375, 36.9318, 45.2946 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 35.6375, 36.9318, 45.2946 by changing the saturation by 10% instead.

■ 35.6375, 36.9318,
45.2946

■ 35.6375, 36.9318,
45.2946

318.8323,
333.0152, 384.1603

■ 24.3232, 25.1547,
31.3449

■ 67.7997, 70.4679,
84.4854

■ 15.6996, 16.1923,
20.6010

■ 89.3783, 92.9956,
110.5637

■ 9.4013, 9.6604,
12.6442

115.1091,
119.8757, 141.5218

■ 5.0630, 5.1744,
7.0562

145.3573,
151.4926, 177.7784

■ 2.3194, 2.3499,
3.4183

180.4884,
188.2305, 219.7520

■ 0.8046, 0.7999,
1.3120

220.8677,

■ 0.0000, 0.0000,

230.4740, 267.8612

0.0716

266.8605,
278.6074, 322.5244

■ 0.0000, 0.0000,
0.0000

■ 35.6375, 36.9318,
45.2946

■ 35.6375, 36.9318,
45.2946

■ 29.6897, 29.9249,
44.2562

■ 42.4336, 44.9080,
46.4765

■ 24.5537, 23.8459,
43.3535

■ 50.1062, 53.8837,
47.8046

■ 20.1953, 18.6573,
42.5817

■ 58.6860, 63.8934,
49.2845

■ 16.5764, 14.3171,
41.9347

■ 68.2014, 74.9687,
50.9207

■ 13.6559, 10.7801,
41.4059

■ 78.6795, 87.1397,
52.7177

■ 11.3884, 7.9967,
40.9882

■ 84.6401, 95.8360,
54.0821

■ 9.7234, 5.9120,
40.6736

■ 8.6027, 4.4635,
40.4530

■ 7.9489, 3.5732,
40.3157

Harmonies

Analogous

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



34.7126, 36.9318, 45.4117



35.6375, 36.9318, 45.2946



36.4323, 36.9318, 43.7787

Triad

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



35.6375, 36.9318, 45.2946



36.3267, 36.9318, 36.5675



33.3889, 36.9318, 39.1019

Complementary

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



35.6375, 36.9318, 45.2946



38.9208, 41.4941, 40.1409

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.



33.8056, 36.9318, 36.8453



35.6375, 36.9318, 45.2946



35.4954, 36.9318, 35.4260

Square

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



35.6375, 36.9318, 45.2946



36.8349, 36.9318, 38.7073



34.5730, 36.9318, 35.5254



33.4254, 36.9318, 41.7561

Rectangle

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



35.6375, 36.9318, 45.2946



36.7764, 36.9318, 42.2152



34.5730, 36.9318, 35.5254



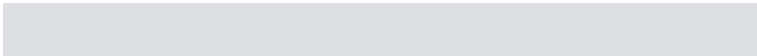
33.4803, 36.9318, 38.2741

Sweetspot

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



35.6386, 36.9334, 45.2954



70.4401, 73.8012, 83.1693



37.5604, 40.9635, 45.3614



15.6861, 16.4383, 18.4905



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.



35.6386, 36.9334, 45.2954



63.2179, 65.3153, 81.9121



36.4551, 37.0911, 45.2828



7.6307, 7.8608, 10.0678



5.6798, 2.4935, 29.2264



0.1750, 0.1033, 0.8187

Inverse Universe

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



36.9876, 37.4845, 39.9380



66.0844, 66.4913, 70.5270



38.0634, 41.3385, 40.1561



8.0314, 8.0258, 8.4762



12.7305, 6.5548, 0.9606



0.3627, 0.1858, 0.0718

Previews

White Background



This preview shows how the XYZ color 35.6375, 36.9318, 45.2946 looks on a white background.

Color Contrast Check

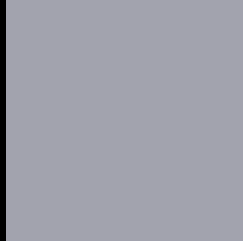
Large Text (above 18pt) WCAG AA × Fail

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 35.6375, 36.9318, 45.2946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

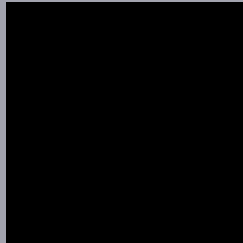
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

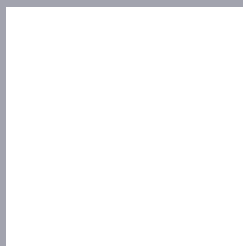
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.6375, 36.9318, 45.2946

Background



This preview shows how black text looks on a background with the XYZ color 35.6375, 36.9318, 45.2946.



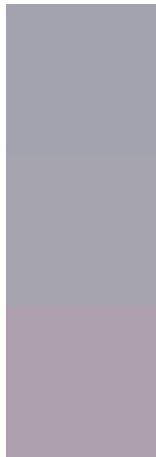
This preview shows how white text looks on a background with the XYZ color 35.6375, 36.9318,

45.2946.

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

35.6375, 36.9318, 45.2946

Protanopia

36.0470, 37.1429, 45.3138

Deuteranopia

37.5916, 36.8901, 45.6967



Tritanopia

35.8340, 37.0104, 46.3294

Trichromacy



Original Color

35.6375, 36.9318, 45.2946

Protanomaly

35.8414, 37.0369, 45.3042

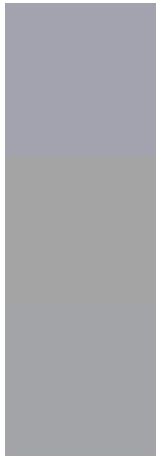
Deuteranomaly

36.8862, 36.7828, 45.7131

Tritanomaly

35.7353, 36.9709, 45.8101

Monochromacy



Original Color

35.6375, 36.9318, 45.2946

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.4476, 37.1646, 42.3510

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6375, 36.9318, 45.2946 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(162, 163, 174)` looks like.

```
.text, #text, p{  
    color:rgb(162, 163, 174)  
}
```

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(162, 163, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 163, 174) }
```

Border

The CSS property to change the border of an element to XYZ 35.6375, 36.9318, 45.2946 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(162, 163, 174) }
```


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

```
.border{ border-color:rgb(162, 163, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 163, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 163, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 163, 174);  
box-shadow:4px 4px 4px 4px rgb(162, 163,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6375, 36.9318, 45.2946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 163, 174) }
```

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

```
.background{ background-color: rgb(162,  
163, 174) }
```

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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