

Converting Colors

XYZ(35.2032, 36.3980, 46.7618)

Have a look what the booklet for
XYZ(35.2032, 36.3980, 46.7618)
contains.

XYZ(35.1542, 36.3859, 46.7653)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.1542, 36.3859,
46.7653)**

Conversions

Conversions Part 1

Format	Color
Hex	9FA2B1
RGB	159, 162, 177
RGB Percent	62%, 64%, 69%
CMY	0.3765, 0.3647, 0.3059
CMYK	0.10, 0.08, 0.00, 0.31
HSL	230°, 10%, 66%
HSV	230°, 10%, 69%
XYZ	35.1542, 36.3859, 46.7653
YIQ	162.8130, -6.6030, 4.0290

Conversions

Conversions Part 2

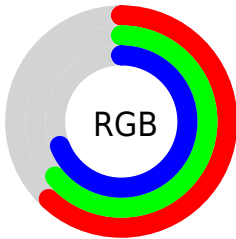
Format	Color
RYB	159, 162, 177
Decimal	10461873
CIELab	66.81, 1.95, -8.12
CIELCh	67, 8.348, 283.524
Yxy	36.3859, 0.2971, 0.3076
Android (android.graphics.Color)	4288651953 (0xFF9FA2B1)
YUV	162.8130, 6.9942, -3.3440
Hunter-Lab	60.3207, -1.5336, -3.7417

Details

The XYZ color **35.1542, 36.3859, 46.7653** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.5256, 42.1221, 38.8487**, and the grayscale version is **34.6957, 36.5026, 39.7514**.

A 20% lighter version of the original color is **67.2524, 69.8050, 87.0199**, and **15.3984, 15.7952, 21.3060** is the 20% darker color. If you saturate the color by 10%, you get **29.4453, 29.8107, 45.7976**, and if you desaturate by 10%, it is **41.6726, 43.8327, 47.8597**.

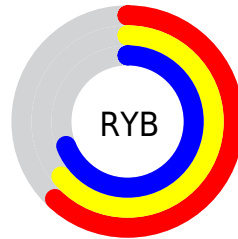
Distribution



Red (62%)

Green (64%)

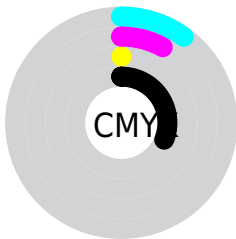
Blue (69%)



Red (62%)

Yellow (64%)

Blue (69%)

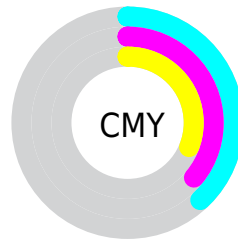


Cyan (10%)

Magenta (8%)

Yellow (0%)

Black (31%)



Cyan (38%)

Magenta (36%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1542, 36.3859, 46.7653 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 35.1542, 36.3859, 46.7653 by changing the saturation by 10% instead.

■ 35.1542, 36.3859,
46.7653

■ 35.1542, 36.3859,
46.7653

316.7445,
330.6441, 390.2435

■ 23.9488, 24.7324,
32.4971

■ 67.0570, 69.6273,
86.7095

■ 15.4201, 15.8778,
21.4735

■ 88.4851, 91.9839,
113.2226

■ 9.2030, 9.4377,
13.2760

114.0515,
118.6771, 144.6544

■ 4.9320, 5.0278,
7.4859

144.1214,
150.0911, 181.4236

■ 2.2418, 2.2636,
3.6848

179.0604,
186.6104, 223.9485

■ 0.7646, 0.7543,
1.4541

219.2336,

■ 0.0000, 0.0000,

228.6195, 272.6478

0.1833

265.0066,
276.5025, 327.9399

■ 0.0000, 0.0000,
0.0000

■ 35.1542, 36.3859,
46.7653

■ 35.1542, 36.3859,
46.7653

■ 29.4453, 29.8107,
45.7976

■ 41.6726, 43.8327,
47.8597

■ 24.5109, 24.0705,
44.9497

■ 49.0272, 52.1767,
49.0826

■ 20.3183, 19.1330,
44.2177

■ 57.2475, 61.4482,
50.4389

■ 16.8310, 14.9619,
43.5964

■ 66.3606, 71.6748,
51.9326

■ 14.0095, 11.5182,
43.0804

■ 76.3924, 82.8827,
53.5672

■ 11.8103, 8.7592,
42.6637

■ 83.5141, 93.1108,
55.1660

■ 10.1846, 6.6377,
42.3399

■ 84.9359, 95.9544,
55.6400

■ 9.0758, 5.1002,
42.1016

■ 8.3882, 4.0790,
41.9407

Harmonies

Analogous

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



33.9001, 36.3859, 46.6619



35.1542, 36.3859, 46.7653



36.2816, 36.3859, 44.8730

Triad

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



35.1542, 36.3859, 46.7653



36.3729, 36.3859, 35.0229



32.3089, 36.3859, 37.6798

Complementary

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



35.1542, 36.3859, 46.7653



39.5256, 42.1221, 38.8487

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.



32.9396, 36.3859, 34.7903



35.1542, 36.3859, 46.7653



35.2764, 36.3859, 33.3213

Square

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



35.1542, 36.3859, 46.7653



36.9967, 36.3859, 38.0152



34.0194, 36.3859, 33.2389



32.2780, 36.3859, 41.2653

Rectangle

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



35.1542, 36.3859, 46.7653



36.8013, 36.3859, 42.7974



34.0194, 36.3859, 33.2389



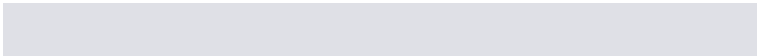
32.4571, 36.3859, 36.6002

Sweetspot

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



35.1553, 36.3874, 46.7661



71.1178, 74.4962, 85.1262



37.6316, 41.8601, 45.9882



15.2068, 15.9100, 18.4138



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.



35.1553, 36.3874, 46.7661



60.7639, 62.6457, 83.3845



35.7893, 35.9385, 46.6460



8.1527, 8.4517, 10.7080



6.1086, 3.0176, 30.3975



0.2271, 0.1647, 0.9681

Inverse Universe

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



37.0520, 36.7528, 39.3253



64.7920, 63.4459, 67.5771



38.8408, 42.6397, 38.9847



8.5523, 8.5276, 9.1408



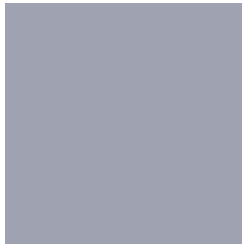
13.3180, 6.8448, 1.5686



0.4366, 0.2224, 0.1421

Previews

White Background



This preview shows how the XYZ color 35.1542, 36.3859, 46.7653 looks on a white background.

Color Contrast Check

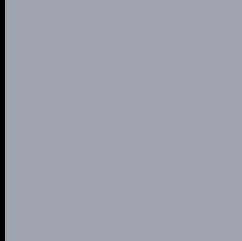
Large Text (above 18pt) WCAG AA × Fail

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 35.1542, 36.3859, 46.7653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

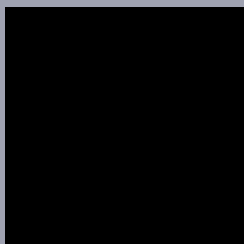
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

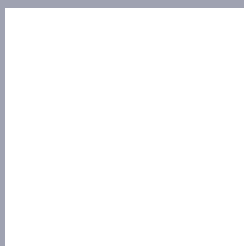
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.1542, 36.3859, 46.7653

Background



This preview shows how black text looks on a background with the XYZ color 35.1542, 36.3859, 46.7653.

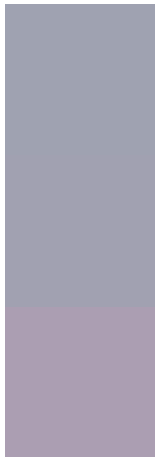


This preview shows how white text looks on a background with the XYZ color 35.1542, 36.3859,

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

35.1542, 36.3859, 46.7653

Protanopia

35.3786, 36.2411, 46.7256

Deuteranopia

37.0573, 36.3260, 47.1780



Tritanopia

34.9563, 36.3067, 45.7229

Trichromacy



Original Color

35.1542, 36.3859, 46.7653

Protanomaly

35.1779, 36.1376, 46.7162

Deuteranomaly

36.3704, 36.2261, 47.1949

Tritanomaly

35.0549, 36.3462, 46.2422

Monochromacy



Original Color

35.1542, 36.3859, 46.7653

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.0654, 36.7029, 42.2820

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1542, 36.3859, 46.7653 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(159, 162, 177)` looks like.

```
.text, #text, p{  
    color:rgb(159, 162, 177)  
}
```

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(159, 162, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 162, 177) }
```

Border

The CSS property to change the border of an element to XYZ 35.1542, 36.3859, 46.7653 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(159, 162, 177) }
```


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

```
.border{ border-color:rgb(159, 162, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 162, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 162, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 162, 177);  
box-shadow:4px 4px 4px 4px rgb(159, 162,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1542, 36.3859, 46.7653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 162, 177) }
```

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

```
.background{ background-color: rgb(159,  
162, 177) }
```

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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