

Converting Colors

XYZ(35.6124, 36.5741, 52.7610)

Have a look what the booklet for
XYZ(35.6124, 36.5741, 52.7610)
contains.

XYZ(35.5150, 36.4401, 52.7387)	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(35.5150, 36.4401,
52.7387)**

Conversions

Conversions Part 1

Format	Color
Hex	9BA2BC
RGB	155, 162, 188
RGB Percent	61%, 64%, 74%
CMY	0.3921, 0.3647, 0.2627
CMYK	0.18, 0.14, 0.00, 0.26
HSL	227°, 20%, 67%
HSV	227°, 18%, 74%
XYZ	35.5150, 36.4401, 52.7387
YIQ	162.8710, -12.5180, 6.6020

Conversions

Conversions Part 2

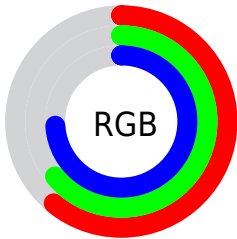
Format	Color
RYB	155, 161, 188
Decimal	10199740
CIELab	66.85, 3.00, -14.21
CIELCh	67, 14.527, 281.912
Yxy	36.4401, 0.2848, 0.2922
Android (android.graphics.Color)	4288389820 (0xFF9BA2BC)
YUV	162.8710, 12.3886, -6.9029
Hunter-Lab	60.3656, -0.6227, -9.5430

Details

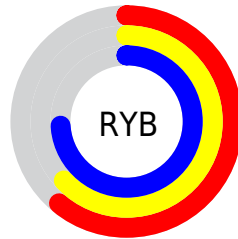
The XYZ color **35.5150, 36.4401, 52.7387** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.1795, 46.1055, 37.6346**, and the grayscale version is **34.7005, 36.5076, 39.7568**.

A 20% lighter version of the original color is **67.7203, 69.8590, 95.5028**, and **15.5426, 15.7847, 25.1492** is the 20% darker color. If you saturate the color by 10%, you get **29.7271, 29.8095, 51.7645**, and if you desaturate by 10%, it is **42.1742, 43.9780, 53.8433**.

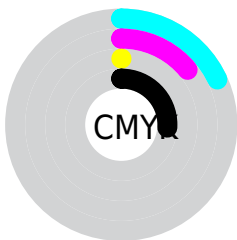
Distribution



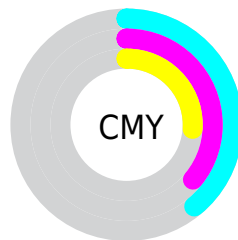
- Red (61%)
- Green (64%)
- Blue (74%)



- Red (61%)
- Yellow (63%)
- Blue (74%)



- Cyan (18%)
- Magenta (14%)
- Yellow (0%)
- Black (26%)



- Cyan (39%)
- Magenta (36%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5150, 36.4401, 52.7387 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 35.5150, 36.4401, 52.7387 by changing the saturation by 10% instead.

■ 35.5150, 36.4401,
52.7387

■ 35.5150, 36.4401,
52.7387

318.3040,
330.8801, 414.3196

■ 24.2282, 24.7743,
37.2079

■ 67.6116, 69.7108,
95.6574

■ 15.6287, 15.9090,
25.0715

■ 89.1521, 92.0845,
123.8824

■ 9.3509, 9.4598,
15.9108

114.8413,
118.7963, 157.1759

■ 5.0297, 5.0423,
9.3074

145.0445,
150.2305, 195.9564

■ 2.2997, 2.2721,
4.8427

180.1270,
186.7716, 240.6425

■ 0.7945, 0.7589,
2.0981

220.4541,

■ 0.0000, 0.0000,

228.8040, 291.6527

0.6147

266.3914,
276.7120, 349.4056

■ 0.0000, 0.0000,
0.0000

■ 35.5150, 36.4401,
52.7387

■ 35.5150, 36.4401,
52.7387

■ 29.7271, 29.8095,
51.7645

■ 42.1742, 43.9780,
53.8433

■ 24.7705, 24.0469,
50.9135

■ 49.7358, 52.4512,
55.0802

■ 20.6074, 19.1171,
50.1813

■ 58.2331, 61.8925,
56.4547

■ 17.1951, 14.9805,
49.5627

■ 67.6972, 72.3312,
57.9708

■ 14.4873, 11.5940,
49.0518

■ 78.1573, 83.7958,
59.6324

■ 12.4319, 8.9106,
48.6422

■ 84.7737, 93.8039,
61.2154

■ 10.9694, 6.8770,
48.3267

■ 86.0772, 96.4109,
61.6499

■ 10.0175, 5.4261,
48.0968

■ 9.8323, 5.1411,
48.0516

Harmonies

Analogous

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



33.3395, 36.4401, 52.3317



35.5150, 36.4401, 52.7387



37.5360, 36.4401, 49.3839

Triad

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



35.5150, 36.4401, 52.7387



37.8767, 36.4401, 32.1281



30.7708, 36.4401, 36.0363

Complementary

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



35.5150, 36.4401, 52.7387



43.1795, 46.1055, 37.6346

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.



31.8879, 36.4401, 31.3336



35.5150, 36.4401, 52.7387



35.9641, 36.4401, 29.2470

Square

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



35.5150, 36.4401, 52.7387



38.9376, 36.4401, 37.2306



33.7701, 36.4401, 28.9725



30.6621, 36.4401, 42.2285

Rectangle

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



35.5150, 36.4401, 52.7387



38.4995, 36.4401, 45.6535



33.7701, 36.4401, 28.9725



31.0386, 36.4401, 34.2464

Sweetspot

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



35.5161, 36.4416, 52.7395



79.6650, 83.3367, 98.1130



39.8266, 46.2657, 50.4671



16.9317, 17.6966, 21.0660



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.



35.5161, 36.4416, 52.7395



60.2075, 61.2979, 94.8846



36.1814, 35.0042, 52.4270



9.1762, 9.5447, 12.0309



6.7393, 3.5904, 32.7307



0.3126, 0.2378, 1.2983

Inverse Universe

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



38.9828, 36.7436, 39.2218



67.6783, 62.0640, 65.7281



42.4099, 47.8757, 38.0168



9.6108, 9.5686, 10.3394



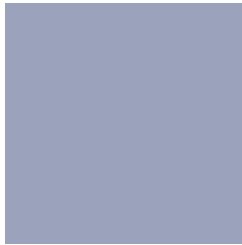
14.4025, 7.3921, 2.1470



0.5887, 0.2994, 0.2132

Previews

White Background



This preview shows how the XYZ color 35.5150, 36.4401, 52.7387 looks on a white background.

Color Contrast Check

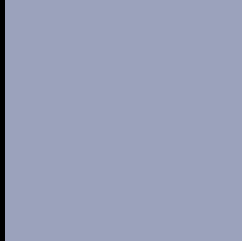
Large Text (above 18pt) WCAG AA × Fail

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 35.5150, 36.4401, 52.7387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

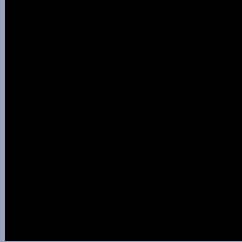
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.5150, 36.4401, 52.7387

Background



This preview shows how black text looks on a background with the XYZ color 35.5150, 36.4401, 52.7387.



This preview shows how white text looks on a background with the XYZ color 35.5150, 36.4401,

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

35.5150, 36.4401, 52.7387

Protanopia

35.8151, 36.3467, 52.1417

Deuteranopia

37.3093, 36.5774, 53.2378



Tritanopia

34.3481, 36.4975, 46.8294

Trichromacy



Original Color

35.5150, 36.4401, 52.7387

Protanomaly

35.6191, 36.2457, 52.1325

Deuteranomaly

36.6564, 36.4971, 53.2568

Tritanomaly

34.7641, 36.4006, 48.9098

Monochromacy



Original Color

35.5150, 36.4401, 52.7387

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.0408, 36.6465, 44.2564

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5150, 36.4401, 52.7387 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(155, 162, 188)` looks like.

```
.text, #text, p{  
    color:rgb(155, 162, 188)  
}
```

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(155, 162, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 162, 188) }
```

Border

The CSS property to change the border of an element to XYZ 35.5150, 36.4401, 52.7387 is called "border". The border property can be set on classes, ids or directly on the HTML element.

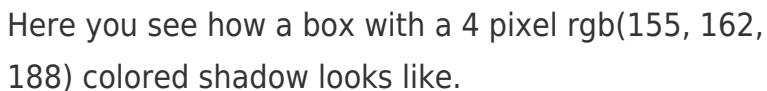
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 162, 188) }
```


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

```
.border{ border-color:rgb(155, 162, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 162, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 162, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 162, 188); box-shadow:4px 4px 4px 4px rgb(155, 162, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5150, 36.4401, 52.7387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 162, 188) }
```

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

```
.background{ background-color: rgb(155,  
162, 188) }
```

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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