

Converting Colors

XYZ(36.7415, 35.2674, 53.5860)

Have a look what the booklet for
XYZ(36.7415, 35.2674, 53.5860)
contains.

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Color

**XYZ(36.7415, 35.2674,
53.5860)**

Conversions

Conversions Part 1

Format	Color
Hex	A69BBE
RGB	166, 155, 190
RGB Percent	65%, 61%, 75%
CMY	0.3490, 0.3921, 0.2549
CMYK	0.13, 0.18, 0.00, 0.25
HSL	259°, 21%, 68%
HSV	259°, 18%, 75%
XYZ	36.7415, 35.2674, 53.5860
YIQ	162.2790, -4.6790, 13.2170

Conversions

Conversions Part 2

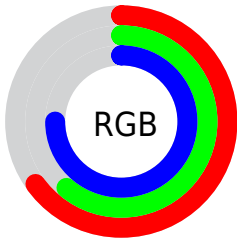
Format	Color
R_{YB}	166, 155, 190
Decimal	10918846
CIE _{Lab}	65.96, 10.97, -16.60
CIE _{LCh}	66, 19.898, 303.459
Yxy	35.2674, 0.2925, 0.2808
Android (android.graphics.Color)	4289108926 (0xFFA69BBE)
YUV	162.2790, 13.6665, 3.2633
Hunter-Lab	59.3864, 6.5093, -11.9286

Details

The XYZ color **36.7415, 35.2674, 53.5860** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **42.9215, 48.7781, 38.1649**, and the grayscale version is **34.4138, 36.2060, 39.4284**.

A 20% lighter version of the original color is **69.2538, 67.6269, 96.5920**, and **16.4051, 15.2842, 25.7524** is the 20% darker color. If you saturate the color by 10%, you get **31.2307, 28.0967, 52.4929**, and if you desaturate by 10%, it is **43.0287, 43.5787, 54.8594**.

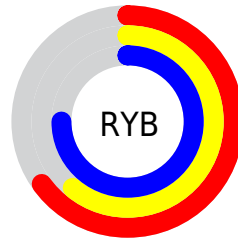
Distribution



Red (65%)

Green (61%)

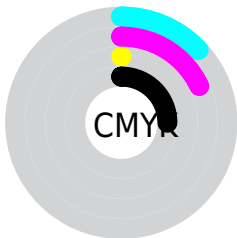
Blue (75%)



Red (65%)

Yellow (61%)

Blue (75%)

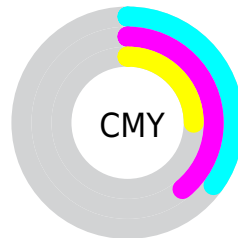


Cyan (13%)

Magenta (18%)

Yellow (0%)

Black (25%)



Cyan (35%)

Magenta (39%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.7415, 35.2674, 53.5860 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 36.7415, 35.2674, 53.5860 by changing the saturation by 10% instead.

■ 36.7415, 35.2674,
53.5860

■ 36.7415, 35.2674,
53.5860

323.5650,
325.7470, 417.6592

■ 25.1802, 23.8689,
37.8799

■ 69.4914, 67.8998,
96.9164

■ 16.3408, 15.2364,
25.5883

■ 91.4108, 89.9025,
125.3777

■ 9.8580, 8.9855,
16.2929

117.5135,
116.2088, 158.9278

■ 5.3664, 4.7317,
9.5751

148.1649,
147.2030, 197.9852

■ 2.5008, 2.0907,
5.0162

183.7304,
183.2695, 242.9686

■ 0.8957, 0.6594,
2.1979

224.5754,

■ 0.0000, 0.0000,

224.7928, 294.2963

0.6732

271.0651,
272.1572, 352.3870

■ 0.0000, 0.0000,
0.0000

■ 36.7415, 35.2674,
53.5860

■ 36.7415, 35.2674,
53.5860

■ 31.2307, 28.0967,
52.4929

■ 43.0287, 43.5787,
54.8594

■ 26.4617, 22.0117,
51.5697

■ 50.1187, 53.0738,
56.3185

■ 22.4020, 16.9592,
50.8085

■ 58.0404, 63.7986,
57.9711

■ 19.0150, 12.8799,
50.1996

■ 66.8204, 75.7957,
59.8240

■ 16.2610, 9.7082,
49.7326

■ 76.4841, 89.1052,
61.8836

■ 14.0955, 7.3701,
49.3954

■ 82.4242, 94.5026,
62.6124

■ 12.4671, 5.7794,
49.1742

■ 86.2944, 96.4977,
62.7935

■ 11.2990, 4.7996,
49.0466

■ 11.1403, 4.6693,
49.0299

Harmonies

Analogous

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



33.8635, 35.2674, 56.9752



36.7415, 35.2674, 53.5860



38.8475, 35.2674, 46.1144

Triad

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



36.7415, 35.2674, 53.5860



36.1158, 35.2674, 25.6393



28.1786, 35.2674, 39.3873

Complementary

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



36.7415, 35.2674, 53.5860



42.9215, 48.7781, 38.1649

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.



28.7044, 35.2674, 31.5982



36.7415, 35.2674, 53.5860



33.1800, 35.2674, 24.3772

Square

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



36.7415, 35.2674, 53.5860



38.4717, 35.2674, 30.1328



30.4937, 35.2674, 26.3942



29.0136, 35.2674, 48.0563

Rectangle

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



36.7415, 35.2674, 53.5860



39.4687, 35.2674, 40.2779



30.4937, 35.2674, 26.3942



28.2023, 35.2674, 36.5818

Sweetspot

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



36.7426, 35.2689, 53.5868



80.8255, 82.7715, 99.9957



39.0335, 43.1284, 54.9831



17.5685, 17.9357, 21.9213



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



36.7426, 35.2689, 53.5868



62.4857, 58.5539, 96.2878



40.5451, 37.2292, 53.7647



9.2911, 9.3669, 11.9905



7.4800, 3.1422, 32.6052



0.3625, 0.1589, 1.2804

Inverse Universe

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



41.0944, 37.6460, 47.7499



71.8545, 63.6754, 83.5501



39.2313, 46.8757, 37.9922



9.7989, 9.6438, 11.3298



16.8492, 8.3709, 15.0316



0.6883, 0.3392, 0.7379

Previews

White Background



This preview shows how the XYZ color 36.7415, 35.2674, 53.5860 looks on a white background.

Color Contrast Check

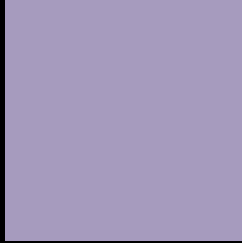
Large Text (above 18pt) WCAG AA × Fail

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 36.7415, 35.2674, 53.5860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

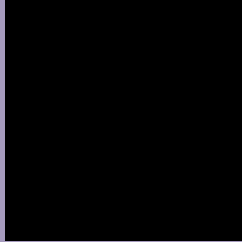
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.7415, 35.2674, 53.5860

Background



This preview shows how black text looks on a background with the XYZ color 36.7415, 35.2674, 53.5860.



This preview shows how white text looks on a background with the XYZ color 36.7415, 35.2674,

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

36.7415, 35.2674, 53.5860

Protanopia

35.1606, 35.4188, 55.4354

Deuteranopia

36.2515, 35.5130, 53.6592



Tritanopia

34.6818, 35.1805, 43.4907

Trichromacy



Original Color

36.7415, 35.2674, 53.5860

Protanomaly

35.8418, 35.5286, 54.8378

Deuteranomaly

36.2870, 35.2812, 53.6126

Tritanomaly

35.4027, 35.2208, 47.0519

Monochromacy



Original Color

36.7415, 35.2674, 53.5860

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.9488, 35.5614, 44.0518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7415, 35.2674, 53.5860 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(166, 155, 190)` looks like.

```
.text, #text, p{  
    color:rgb(166, 155, 190)  
}
```

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(166, 155, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 155, 190) }
```

Border

The CSS property to change the border of an element to XYZ 36.7415, 35.2674, 53.5860 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(166, 155, 190) }
```


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

```
.border{ border-color:rgb(166, 155, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 155, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 155, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 155, 190);  
box-shadow:4px 4px 4px 4px rgb(166, 155,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7415, 35.2674, 53.5860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 155, 190) }
```

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

```
.background{ background-color: rgb(166,  
155, 190) }
```

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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