

Converting Colors

XYZ(37.1641, 35.4852, 53.6058)

Have a look what the booklet for
XYZ(37.1641, 35.4852, 53.6058)
contains.

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Color

**XYZ(37.1641, 35.4852,
53.6058)**

Conversions

Conversions Part 1

Format	Color
Hex	A89BBE
RGB	168, 155, 190
RGB Percent	66%, 61%, 75%
CMY	0.3412, 0.3921, 0.2549
CMYK	0.12, 0.18, 0.00, 0.25
HSL	262°, 21%, 68%
HSV	262°, 18%, 75%
XYZ	37.1641, 35.4852, 53.6058
YIQ	162.8770, -3.4870, 13.6410

Conversions

Conversions Part 2

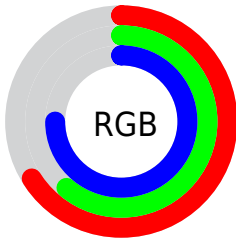
Format	Color
R_{YB}	168, 155, 190
Decimal	11049918
CIE _{Lab}	66.12, 11.64, -16.33
CIE _{LCh}	66, 20.051, 305.472
Yxy	35.4852, 0.2944, 0.2811
Android (android.graphics.Color)	4289239998 (0xFFA89BBE)
YUV	162.8770, 13.3716, 4.4929
Hunter-Lab	59.5695, 7.1158, -11.6557

Details

The XYZ color **37.1641, 35.4852, 53.6058** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **42.4624, 48.5415, 38.1434**, and the grayscale version is **34.6958, 36.5027, 39.7514**.

A 20% lighter version of the original color is **69.8664, 67.9427, 96.6207**, and **16.6681, 15.4198, 25.7647** is the 20% darker color. If you saturate the color by 10%, you get **31.8207, 28.4008, 52.5206**, and if you desaturate by 10%, it is **43.2408, 43.6880, 54.8694**.

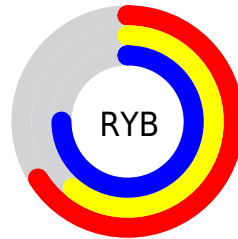
Distribution



Red (66%)

Green (61%)

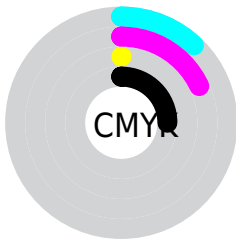
Blue (75%)



Red (66%)

Yellow (61%)

Blue (75%)

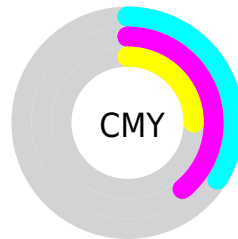


Cyan (12%)

Magenta (18%)

Yellow (0%)

Black (25%)



Cyan (34%)

Magenta (39%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.1641, 35.4852, 53.6058 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 37.1641, 35.4852, 53.6058 by changing the saturation by 10% instead.

■ 37.1641, 35.4852,
53.6058

■ 37.1641, 35.4852,
53.6058

325.3636,
326.7048, 417.7371

■ 25.5088, 24.0369,
37.8956

■ 70.1373, 68.2367,
96.9458

■ 16.5873, 15.3610,
25.6004

■ 92.1859, 90.3087,
125.4126

■ 10.0342, 9.0731,
16.3019

118.4297,
116.6908, 158.9687

■ 5.4841, 4.7889,
9.5814

149.2340,
147.7672, 198.0325

■ 2.5716, 2.1239,
5.0203

184.9642,
183.9224, 243.0228

■ 0.9315, 0.6780,
2.2002

225.9857,

■ 0.0000, 0.0000,

225.5408, 294.3579

0.6745

272.6637,
273.0068, 352.4565

■ 0.0000, 0.0000,
0.0000

■ 37.1641, 35.4852,
53.6058

■ 37.1641, 35.4852,
53.6058

■ 31.8207, 28.4008,
52.5206

■ 43.2408, 43.6880,
54.8694

■ 27.1778, 22.3808,
51.6033

■ 50.0752, 53.0513,
56.3165

■ 23.2050, 17.3732,
50.8461

■ 57.6946, 63.6203,
57.9549

■ 19.8681, 13.3196,
50.2396

■ 66.1239, 75.4365,
59.7914

■ 17.1295, 10.1559,
49.7732

■ 75.3869, 88.5395,
61.8323

■ 14.9474, 7.8092,
49.4353

■ 80.8748, 93.7038,
62.5399

■ 13.2733, 6.1950,
49.2120

■ 85.0563, 95.8595,
62.7356

■ 12.0336, 5.1782,
49.0810

■ 86.2944, 96.4978,
62.7935

■ 11.8614, 5.0411,
49.0636

Harmonies

Analogous

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



34.2772, 35.4852, 57.3881



37.1641, 35.4852, 53.6058



39.2151, 35.4852, 45.8598

Triad

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



37.1641, 35.4852, 53.6058



36.1633, 35.4852, 25.5456



28.3380, 35.4852, 40.2239

Complementary

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



37.1641, 35.4852, 53.6058



42.4624, 48.5415, 38.1434

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.



28.7775, 35.4852, 32.2161



37.1641, 35.4852, 53.6058



33.1840, 35.4852, 24.4931

Square

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



37.1641, 35.4852, 53.6058



38.6138, 35.4852, 29.8734



30.5098, 35.4852, 26.7521



29.2721, 35.4852, 48.9668

Rectangle

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



37.1641, 35.4852, 53.6058



39.7698, 35.4852, 39.9476



30.5098, 35.4852, 26.7521



28.3307, 35.4852, 37.3561

Sweetspot

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



37.1652, 35.4867, 53.6066



81.1097, 82.9180, 100.0090



38.5681, 42.1976, 54.8280



17.6373, 17.9711, 21.9245



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.



37.1652, 35.4867, 53.6066



63.3801, 59.0150, 96.3297



41.1048, 37.5176, 53.7910



9.3422, 9.3933, 11.9929



7.9672, 3.3933, 32.6280



0.3850, 0.1705, 1.2815

Inverse Universe

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



40.8935, 37.5656, 46.6919



71.4208, 63.5019, 81.2665



38.7617, 46.6336, 37.9702



9.7756, 9.6345, 11.2071



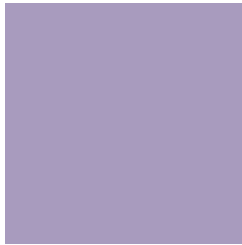
16.3906, 8.1874, 12.6163



0.6727, 0.3330, 0.6555

Previews

White Background



This preview shows how the XYZ color 37.1641, 35.4852, 53.6058 looks on a white background.

Color Contrast Check

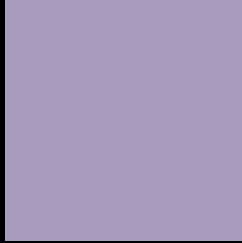
Large Text (above 18pt) WCAG AA × Fail

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 37.1641, 35.4852, 53.6058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

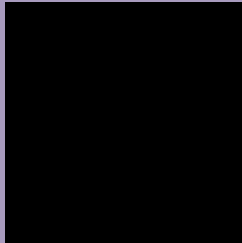
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.1641, 35.4852, 53.6058

Background



This preview shows how black text looks on a background with the XYZ color 37.1641, 35.4852, 53.6058.



This preview shows how white text looks on a background with the XYZ color 37.1641, 35.4852,

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

37.1641, 35.4852, 53.6058

Protanopia

35.3502, 35.5166, 55.4443

Deuteranopia

36.2515, 35.5130, 53.6592



Tritanopia

35.0946, 35.3933, 43.5100

Trichromacy



Original Color

37.1641, 35.4852, 53.6058

Protanomaly

36.0394, 35.6304, 54.8471

Deuteranomaly

36.4926, 35.3872, 53.6222

Tritanomaly

35.8187, 35.4353, 47.0713

Monochromacy



Original Color

37.1641, 35.4852, 53.6058

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.6307, 36.1581, 44.6364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1641, 35.4852, 53.6058 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(168, 155, 190)` looks like.

```
.text, #text, p{  
    color:rgb(168, 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(168, 155, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 155, 190) }
```

Border

The CSS property to change the border of an element to XYZ 37.1641, 35.4852, 53.6058 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(168, 155, 190) }
```


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

```
.border{ border-color:rgb(168, 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(168, 155, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 155, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 155, 190);  
box-shadow:4px 4px 4px 4px rgb(168, 155,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1641, 35.4852, 53.6058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 155, 190) }
```

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

```
.background{ background-color: rgb(168,  
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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