

Converting Colors

XYZ(37.6608, 33.9200, 52.9959)

Have a look what the booklet for
XYZ(37.6608, 33.9200, 52.9959)
contains.

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Color

**XYZ(37.6325, 33.8152,
53.2587)**

Conversions

Conversions Part 1

Format	Color
Hex	B093BE
RGB	176, 147, 190
RGB Percent	69%, 58%, 75%
CMY	0.3098, 0.4235, 0.2549
CMYK	0.07, 0.23, 0.00, 0.25
HSL	280°, 25%, 66%
HSV	280°, 23%, 75%
XYZ	37.6325, 33.8152, 53.2587
YIQ	160.5730, 3.4810, 19.5210

Conversions

Conversions Part 2

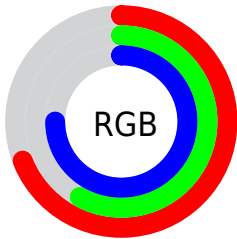
Format	Color
R_{YB}	176, 147, 190
Decimal	11572158
CIE _{Lab}	64.82, 18.81, -18.24
CIE _{LCh}	65, 26.203, 315.871
Yxy	33.8152, 0.3018, 0.2712
Android (android.graphics.Color)	4289762238 (0xFFB093BE)
YUV	160.5730, 14.5075, 13.5295
Hunter-Lab	58.1508, 13.7529, -13.5964

Details

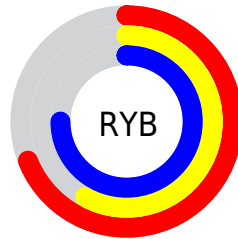
The XYZ color **37.6325, 33.8152, 53.2587** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.3789, 46.5113, 34.5601**, and the grayscale version is **33.6130, 35.3634, 38.5108**.

A 20% lighter version of the original color is **70.7999, 65.5829, 96.1160**, and **16.8666, 14.3828, 25.5541** is the 20% darker color. If you saturate the color by 10%, you get **33.5518, 27.6825, 52.2906**, and if you desaturate by 10%, it is **42.2671, 40.9595, 54.3939**.

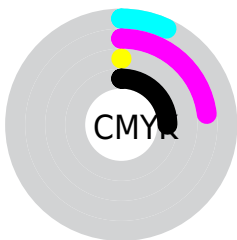
Distribution



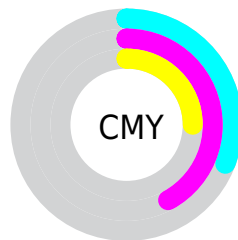
- Red (69%)
- Green (58%)
- Blue (75%)



- Red (69%)
- Yellow (58%)
- Blue (75%)



- Cyan (7%)
- Magenta (23%)
- Yellow (0%)
- Black (25%)



- Cyan (31%)
- Magenta (42%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.6325, 33.8152, 53.2587 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 37.6325, 33.8152, 53.2587 by changing the saturation by 10% instead.

■ 37.6325, 33.8152,
53.2587

■ 37.6325, 33.8152,
53.2587

327.3490,
319.3072, 416.3713

■ 25.8735, 22.7517,
37.6202

■ 70.8520, 65.6462,
96.4303

■ 16.8612, 14.4102,
25.3885

■ 93.0433, 87.1824,
124.8005

■ 10.2303, 8.4065,
16.1451

119.4427,
112.9784, 158.2517

■ 5.6153, 4.3562,
9.4714

150.4156,
143.4184, 197.2024

■ 2.6510, 1.8747,
4.9489

186.3273,
178.8869, 242.0712

■ 0.9720, 0.5331,
2.1591

227.5432,

■ 0.0000, 0.0000,

219.7683, 293.2766

0.6506

274.4287,
266.4469, 351.2371

■ 0.0000, 0.0000,
0.0000

■ 37.6325, 33.8152,
53.2587

■ 37.6325, 33.8152,
53.2587

■ 33.5518, 27.6825,
52.2906

■ 42.2671, 40.9595,
54.3939

■ 29.9969, 22.5089,
51.4793

■ 47.4754, 49.1562,
55.7016

■ 26.9422, 18.2435,
50.8170

■ 53.2803, 58.4489,
57.1893

■ 24.3582, 14.8286,
50.2941

■ 59.7023, 68.8776,
58.8637

■ 22.2122, 12.2003,
49.8999

■ 66.7608, 80.4800,
60.7312

■ 20.4667, 10.2848,
49.6221

■ 72.5292, 89.4015,
62.1492

■ 19.0769, 8.9940,
49.4462

■ 74.3594, 90.3450,
62.2349

■ 18.2176, 8.3178,
49.3610

■ 76.2587, 91.3242,
62.3237

■ 78.2281, 92.3394,
62.4159

Harmonies

Analogous

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



34.1649, 33.8152, 60.6315



37.6325, 33.8152, 53.2587



39.6995, 33.8152, 42.1260

Triad

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



37.6325, 33.8152, 53.2587



33.9436, 33.8152, 20.1255



25.6564, 33.8152, 42.7967

Complementary

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



37.6325, 33.8152, 53.2587



38.3789, 46.5113, 34.5601

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.



25.6073, 33.8152, 31.9775



37.6325, 33.8152, 53.2587



30.1974, 33.8152, 20.2349

Square

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



37.6325, 33.8152, 53.2587



37.4596, 33.8152, 23.8313



27.2103, 33.8152, 24.1669



27.3501, 33.8152, 53.8317

Rectangle

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



37.6325, 33.8152, 53.2587



39.9087, 33.8152, 34.7349



27.2103, 33.8152, 24.1669



25.4518, 33.8152, 38.9848

Sweetspot

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



37.6336, 33.8166, 53.2594



81.6687, 82.1769, 99.8365



34.1313, 35.5285, 53.7744



17.8070, 17.8458, 21.8913



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.



37.6336, 33.8166, 53.2594



64.5189, 55.7135, 95.6324



40.1997, 35.2278, 49.3905



9.6198, 9.5364, 12.0059



12.1987, 5.5747, 32.8260



0.5437, 0.2523, 1.2889

Inverse Universe

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



38.1030, 34.3891, 38.3490



65.6143, 56.9881, 63.6108



36.2938, 45.3694, 37.4904



9.6548, 9.5862, 10.5711



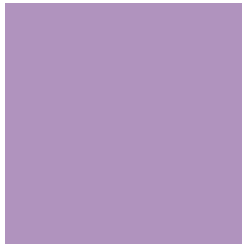
14.7283, 7.5225, 3.8628



0.6077, 0.3070, 0.3133

Previews

White Background



This preview shows how the XYZ color 37.6325, 33.8152, 53.2587 looks on a white background.

Color Contrast Check

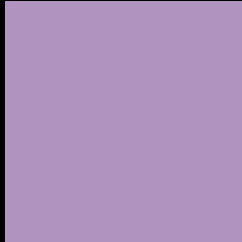
Large Text (above 18pt) WCAG AA × Fail

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 37.6325, 33.8152, 53.2587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

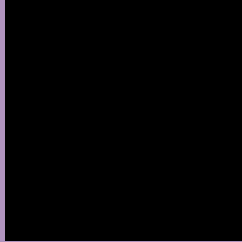
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.6325, 33.8152, 53.2587

Background



This preview shows how black text looks on a background with the XYZ color 37.6325, 33.8152, 53.2587.



This preview shows how white text looks on a background with the XYZ color 37.6325, 33.8152,

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

37.6325, 33.8152, 53.2587

Protanopia

34.0650, 34.0584, 57.0031

Deuteranopia

34.6455, 33.9534, 52.8718



Tritanopia

34.9423, 33.9075, 39.8251

Trichromacy



Original Color

37.6325, 33.8152, 53.2587

Protanomaly

35.2294, 33.9466, 55.7345

Deuteranomaly

35.5618, 33.6999, 52.7745

Tritanomaly

35.6828, 33.7141, 44.1619

Monochromacy



Original Color

37.6325, 33.8152, 53.2587

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

35.0607, 34.8625, 43.9110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6325, 33.8152, 53.2587 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(176, 147, 190)` looks like.

```
.text, #text, p{  
    color:rgb(176, 147, 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(176, 147, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 147, 190) }
```

Border

The CSS property to change the border of an element to XYZ 37.6325, 33.8152, 53.2587 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(176, 147, 190) }
```


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

```
.border{ border-color:rgb(176, 147, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 147, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 147, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 147, 190);  
box-shadow:4px 4px 4px 4px rgb(176, 147,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6325, 33.8152, 53.2587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 147, 190) }
```

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

```
.background{ background-color: rgb(176,  
147, 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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