

Converting Colors

XYZ(40.6010, 40.7798, 53.3092)

Have a look what the booklet for
XYZ(40.6010, 40.7798, 53.3092)
contains.

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Color

**XYZ(40.5353, 40.6348,
53.2838)**

Conversions

Conversions Part 1

Format	Color
Hex	AEA8BC
RGB	174, 168, 188
RGB Percent	68%, 66%, 74%
CMY	0.3176, 0.3412, 0.2627
CMYK	0.07, 0.11, 0.00, 0.26
HSL	258°, 13%, 70%
HSV	258°, 11%, 74%
XYZ	40.5353, 40.6348, 53.2838
YIQ	172.0740, -2.8440, 7.4920

Conversions

Conversions Part 2

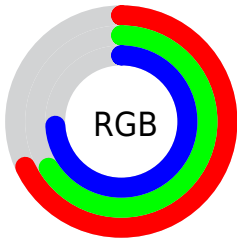
Format	Color
RYB	174, 168, 188
Decimal	11446460
CIELab	69.92, 6.02, -9.47
CIELCh	70, 11.220, 302.429
Yxy	40.6348, 0.3015, 0.3022
Android (android.graphics.Color)	4289636540 (0xFFAEA8BC)
YUV	172.0740, 7.8515, 1.6891
Hunter-Lab	63.7454, 1.9525, -4.9378

Details

The XYZ color **40.5353, 40.6348, 53.2838** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.3440, 48.7397, 44.1183**, and the grayscale version is **39.2137, 41.2559, 44.9276**.

A 20% lighter version of the original color is **75.3499, 76.1300, 96.3111**, and **18.6446, 18.3776, 25.4862** is the 20% darker color. If you saturate the color by 10%, you get **34.5226, 32.7508, 52.0796**, and if you desaturate by 10%, it is **47.3395, 49.6739, 54.6705**.

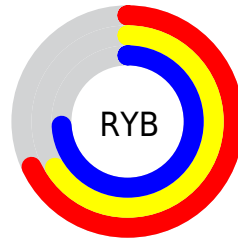
Distribution



Red (68%)

Green (66%)

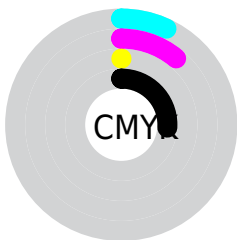
Blue (74%)



Red (68%)

Yellow (66%)

Blue (74%)

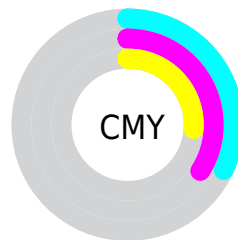


Cyan (7%)

Magenta (11%)

Yellow (0%)

Black (26%)



Cyan (32%)

Magenta (34%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.5353, 40.6348, 53.2838 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 40.5353, 40.6348, 53.2838 by changing the saturation by 10% instead.

■ 40.5353, 40.6348,
53.2838

■ 40.5353, 40.6348,
53.2838

339.4705,
348.7919, 416.4701

■ 28.1422, 28.0338,
37.6401

■ 75.2571, 76.1292,
96.4676

■ 18.5739, 18.3512,
25.4038

■ 98.3166, 99.7914,
124.8448

■ 11.4650, 11.2024,
16.1564

125.6622,
127.9095, 158.3036

■ 6.4501, 6.2031,
9.4794

157.6594,
160.8679, 197.2625

■ 3.1639, 2.9690,
4.9541

194.6735,
199.0509, 242.1401

■ 1.2410, 1.1156,
2.1621

237.0698,

■ 0.1384, 0.0000,

242.8430, 293.3548

0.6524

285.2137,
292.6286, 351.3253

■ 0.0000, 0.0000,
0.0000

■ 40.5353, 40.6348,
53.2838

■ 40.5353, 40.6348,
53.2838

■ 34.5226, 32.7508,
52.0796

■ 47.3395, 49.6739,
54.6705

■ 29.2683, 25.9697,
51.0476

■ 54.9597, 59.9074,
56.2442

■ 24.7418, 20.2429,
50.1808

■ 63.4236, 71.3789,
58.0123

■ 20.9093, 15.5158,
49.4704

■ 72.7568, 84.1283,
59.9813

■ 17.7341, 11.7292,
48.9068

■ 80.7079, 93.6429,
61.3987

■ 15.1757, 8.8172,
48.4796

■ 85.3349, 96.0282,
61.6152

■ 13.1887, 6.7052,
48.1767

■ 86.0772, 96.4109,
61.6500

■ 11.7207, 5.3053,
47.9838

■ 10.7297, 4.4828,
47.8773

Harmonies

Analogous

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



38.7711, 40.6348, 55.0677



40.5353, 40.6348, 53.2838



41.8181, 40.6348, 49.0625

Triad

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



40.5353, 40.6348, 53.2838



40.2698, 40.6348, 35.9178



35.2201, 40.6348, 44.6718

Complementary

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



40.5353, 40.6348, 53.2838



44.3440, 48.7397, 44.1183

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.



35.5933, 40.6348, 39.7525



40.5353, 40.6348, 53.2838



38.4736, 40.6348, 34.9412

Square

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



40.5353, 40.6348, 53.2838



41.6614, 40.6348, 39.0693



36.7702, 40.6348, 36.2899



35.7344, 40.6348, 49.8574

Rectangle

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



40.5353, 40.6348, 53.2838



42.2074, 40.6348, 45.5822



36.7702, 40.6348, 36.2899



35.2460, 40.6348, 42.9330

Sweetspot

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



40.5365, 40.6365, 53.2847



82.6867, 85.8787, 98.4444



42.0232, 45.5496, 54.1546



17.5618, 18.1754, 21.1252



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.



40.5365, 40.6365, 53.2847



70.5230, 69.7687, 95.9759



42.7684, 41.7871, 53.3891



9.2783, 9.3603, 11.9899



7.3717, 3.0863, 32.6001



0.3570, 0.1561, 1.2802

Inverse Universe

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



43.1866, 42.0758, 50.1033



76.4070, 72.9659, 88.8477



42.1390, 47.6030, 44.0151



9.8047, 9.6462, 11.3608



16.9721, 8.4200, 15.6784



0.6924, 0.3409, 0.7595

Previews

White Background



This preview shows how the XYZ color 40.5353, 40.6348, 53.2838 looks on a white background.

Color Contrast Check

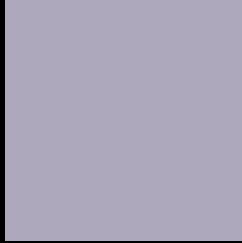
Large Text (above 18pt) WCAG AA × Fail

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 40.5353, 40.6348, 53.2838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

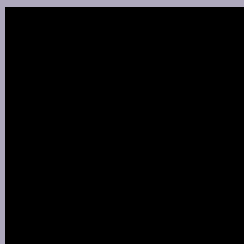
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.5353, 40.6348, 53.2838

Background



This preview shows how black text looks on a background with the XYZ color 40.5353, 40.6348, 53.2838.



This preview shows how white text looks on a background with the XYZ color 40.5353, 40.6348,

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

40.5353, 40.6348, 53.2838

Protanopia

39.9222, 40.8586, 53.9265

Deuteranopia

41.3037, 40.4870, 53.2148



Tritanopia

39.8650, 40.6376, 49.9987

Trichromacy



Original Color

40.5353, 40.6348, 53.2838

Protanomaly

40.1679, 40.7080, 53.8845

Deuteranomaly

41.0273, 40.6154, 53.2541

Tritanomaly

40.0733, 40.7209, 51.0952

Monochromacy



Original Color

40.5353, 40.6348, 53.2838

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.8324, 41.2244, 47.9772

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5353, 40.6348, 53.2838 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(174, 168, 188)` looks like.

```
.text, #text, p{  
    color:rgb(174, 168, 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(174, 168, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 168, 188) }
```

Border

The CSS property to change the border of an element to XYZ 40.5353, 40.6348, 53.2838 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(174, 168, 188) }
```


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

```
.border{ border-color:rgb(174, 168, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 168, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 168, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 168, 188);  
box-shadow:4px 4px 4px 4px rgb(174, 168,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5353, 40.6348, 53.2838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 168, 188) }
```

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

```
.background{ background-color: rgb(174,  
168, 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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