

Converting Colors

XYZ(41.2371, 41.4132, 53.4401)

Have a look what the booklet for
XYZ(41.2371, 41.4132, 53.4401)
contains.

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Color

**XYZ(41.3563, 41.6104,
53.4288)**

Conversions

Conversions Part 1

Format	Color
Hex	B0AABC
RGB	176, 170, 188
RGB Percent	69%, 67%, 74%
CMY	0.3098, 0.3333, 0.2627
CMYK	0.06, 0.10, 0.00, 0.26
HSL	260°, 12%, 70%
HSV	260°, 10%, 74%
XYZ	41.3563, 41.6104, 53.4288
YIQ	173.8460, -2.2020, 6.8700

Conversions

Conversions Part 2

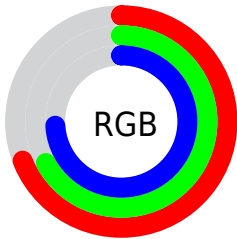
Format	Color
R_{YB}	176, 170, 188
Decimal	11578044
CIE Lab	70.60, 5.60, -8.44
CIE LCh	71, 10.126, 303.575
Yxy	41.6104, 0.3032, 0.3051
Android (android.graphics.Color)	4289768124 (0xFFB0AABC)
YUV	173.8460, 6.9779, 1.8891
Hunter-Lab	64.5061, 1.5546, -3.9541

Details

The XYZ color **41.3563, 41.6104, 53.4288** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.5318, 48.8149, 45.1074**, and the grayscale version is **40.1202, 42.2096, 45.9663**.

A 20% lighter version of the original color is **76.5331, 77.5379, 96.5205**, and **19.0200, 18.9171, 25.5706** is the 20% darker color. If you saturate the color by 10%, you get **35.3766, 33.6657, 52.2111**, and if you desaturate by 10%, it is **48.1042, 50.7016, 54.8286**.

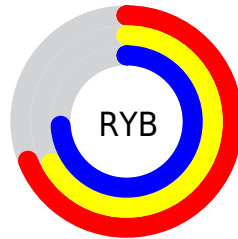
Distribution



Red (69%)

Green (67%)

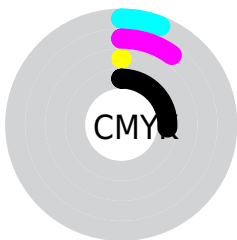
Blue (74%)



Red (69%)

Yellow (67%)

Blue (74%)

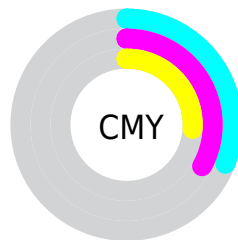


Cyan (6%)

Magenta (10%)

Yellow (0%)

Black (26%)



Cyan (31%)

Magenta (33%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3563, 41.6104, 53.4288 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 41.3563, 41.6104, 53.4288 by changing the saturation by 10% instead.

■ 41.3563, 41.6104,
53.4288

■ 41.3563, 41.6104,
53.4288

342.8448,
352.8653, 417.0410

■ 28.7865, 28.7963,
37.7551

■ 76.4958, 77.6096,
96.6830

■ 19.0628, 18.9268,
25.4923

■ 99.7961, 101.5636,
125.1006

■ 11.8200, 11.6174,
16.2219

127.4041,
129.9997, 158.6032

■ 6.6925, 6.4837,
9.5252

159.6850,
163.3023, 197.6094

■ 3.3152, 3.1414,
4.9839

197.0041,
201.8557, 242.5377

■ 1.3225, 1.2060,
2.1792

239.7269,

■ 0.2000, 0.0666,

246.0444, 293.8068

0.6623

288.2187,
296.2529, 351.8350

■ 0.0000, 0.0000,
0.0000

■ 41.3563, 41.6104,
53.4288

■ 41.3563, 41.6104,
53.4288

■ 35.3766, 33.6657,
52.2111

■ 48.1042, 50.7016,
54.8286

■ 30.1330, 26.8159,
51.1653

■ 55.6435, 60.9774,
56.4146

■ 25.5968, 21.0134,
50.2844

■ 64.0007, 72.4809,
58.1946

■ 21.7354, 16.2050,
49.5598

■ 73.2002, 85.2513,
60.1746

■ 18.5139, 12.3326,
48.9822

■ 80.3250, 93.4455,
61.3807

■ 15.8938, 9.3319,
48.5411

■ 84.6976, 95.6997,
61.5854

■ 13.8320, 7.1302,
48.2248

■ 86.0772, 96.4109,
61.6499

■ 12.2787, 5.6423,
48.0195

■ 11.1476, 4.7112,
47.8993

Harmonies

Analogous

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



39.7505, 41.6104, 55.1434



41.3563, 41.6104, 53.4288



42.5024, 41.6104, 49.5339

Triad

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



41.3563, 41.6104, 53.4288



40.9992, 41.6104, 37.5430



36.4232, 41.6104, 45.8839

Complementary

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



41.3563, 41.6104, 53.4288



44.5318, 48.8149, 45.1074

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.



36.7365, 41.6104, 41.3270



41.3563, 41.6104, 53.4288



39.3491, 41.6104, 36.7153

Square

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



41.3563, 41.6104, 53.4288



42.2921, 41.6104, 40.3976



37.7960, 41.6104, 38.0524



36.9279, 41.6104, 50.5981

Rectangle

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



41.3563, 41.6104, 53.4288



42.8349, 41.6104, 46.3459



37.7960, 41.6104, 38.0524



36.4364, 41.6104, 44.2830

Sweetspot

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



41.3575, 41.6122, 53.4297



82.7696, 85.9215, 98.4483



42.4456, 45.7571, 54.1724



17.5842, 18.1870, 21.1262



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.



41.3575, 41.6122, 53.4297



73.1189, 72.9626, 96.4556



43.3884, 42.6591, 53.5248



9.3080, 9.3757, 11.9913



7.6318, 3.2204, 32.6123



0.3697, 0.1626, 1.2808

Inverse Universe

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



43.5587, 42.8201, 50.2274



77.7398, 75.4990, 89.7003



42.5403, 47.7882, 45.0142



9.7911, 9.6407, 11.2890



16.6914, 8.3077, 14.2006



0.6830, 0.3371, 0.7099

Previews

White Background



This preview shows how the XYZ color 41.3563, 41.6104, 53.4288 looks on a white background.

Color Contrast Check

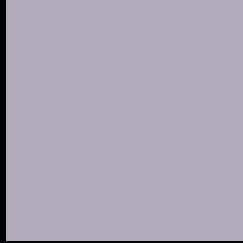
Large Text (above 18pt) WCAG AA × Fail

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 41.3563, 41.6104, 53.4288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

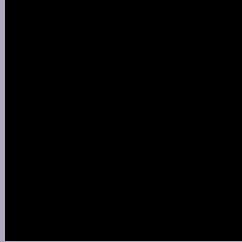
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.3563, 41.6104, 53.4288

Background



This preview shows how black text looks on a background with the XYZ color 41.3563, 41.6104, 53.4288.



This preview shows how white text looks on a background with the XYZ color 41.3563, 41.6104,

53.4288.

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

41.3563, 41.6104, 53.4288

Protanopia

40.7324, 41.8371, 54.0727

Deuteranopia

42.3711, 41.5812, 53.3697



Tritanopia

40.8938, 41.7005, 51.2411

Trichromacy



Original Color

41.3563, 41.6104, 53.4288

Protanomaly

40.9818, 41.6842, 54.0300

Deuteranomaly

42.0875, 41.7101, 53.4096

Tritanomaly

40.9991, 41.7426, 51.7952

Monochromacy



Original Color

41.3563, 41.6104, 53.4288

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.7594, 42.2558, 48.6558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3563, 41.6104, 53.4288 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, 170, 188)` looks like.

```
.text, #text, p{  
    color:rgb(176, 170, 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(176, 170, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 170, 188) }
```

Border

The CSS property to change the border of an element to XYZ 41.3563, 41.6104, 53.4288 is called "border". The border property can be set on classes, ids or directly on the HTML element.

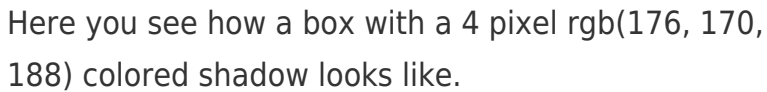
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 170, 188) }
```


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

```
.border{ border-color:rgb(176, 170, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 170, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 170, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 170, 188); box-shadow:4px 4px 4px 4px rgb(176, 170, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3563, 41.6104, 53.4288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 170, 188) }
```

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

```
.background{ background-color: rgb(176,  
170, 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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