

Converting Colors

XYZ(41.0473, 41.3860, 50.4091)

Have a look what the booklet for
XYZ(41.0473, 41.3860, 50.4091)
contains.

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Color

**XYZ(41.2821, 41.6333,
50.6600)**

Conversions

Conversions Part 1

Format	Color
Hex	B2AAB7
RGB	178, 170, 183
RGB Percent	70%, 67%, 72%
CMY	0.3020, 0.3333, 0.2823
CMYK	0.03, 0.07, 0.00, 0.28
HSL	277°, 8%, 69%
HSV	277°, 7%, 72%
XYZ	41.2821, 41.6333, 50.6600
YIQ	173.8740, 0.5950, 5.7390

Conversions

Conversions Part 2

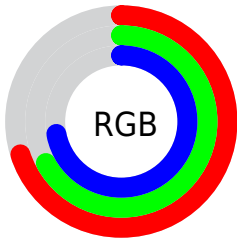
Format	Color
RYB	178, 170, 183
Decimal	11709111
CIELab	70.62, 5.30, -5.64
CIElCh	71, 7.740, 313.267
Yxy	41.6333, 0.3091, 0.3117
Android (android.graphics.Color)	4289899191 (0xFFB2AAB7)
YUV	173.8740, 4.4991, 3.6185
Hunter-Lab	64.5239, 1.2868, -1.3840

Details

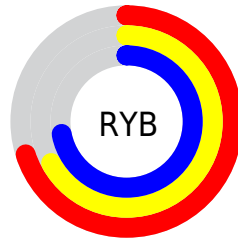
The XYZ color **41.2821, 41.6333, 50.6600** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.8698, 45.8843, 44.6820**, and the grayscale version is **40.1459, 42.2366, 45.9957**.

A 20% lighter version of the original color is **76.4369, 77.5748, 92.6061**, and **18.9651, 18.9285, 23.7731** is the 20% darker color. If you saturate the color by 10%, you get **36.5139, 34.4331, 49.5222**, and if you desaturate by 10%, it is **46.6131, 49.8349, 51.9627**.

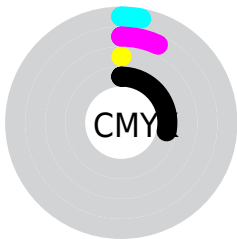
Distribution



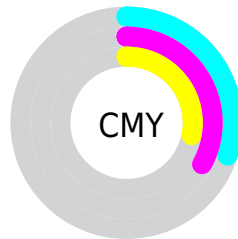
- Red (70%)
- Green (67%)
- Blue (72%)



- Red (70%)
- Yellow (67%)
- Blue (72%)



- Cyan (3%)
- Magenta (7%)
- Yellow (0%)
- Black (28%)



- Cyan (30%)
- Magenta (33%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2821, 41.6333, 50.6600 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 41.2821, 41.6333, 50.6600 by changing the saturation by 10% instead.

■ 41.2821, 41.6333,
50.6600

■ 41.2821, 41.6333,
50.6600

342.5407,
352.9606, 406.0501

■ 28.7282, 28.8143,
35.5632

■ 76.3840, 77.6443,
92.5583

■ 19.0186, 18.9404,
23.8101

99.6626, 101.6051,
120.1970

■ 11.7878, 11.6272,
14.9819

127.2470,
130.0486, 152.8534

■ 6.6705, 6.4904,
8.6602

159.5023,
163.3592, 190.9461

■ 3.3014, 3.1455,
4.4264

196.7940,
201.9213, 234.8935

■ 1.3151, 1.2082,
1.8621

239.4874,

■ 0.1945, 0.0683,

246.1193, 285.1143

0.4684

287.9479,
296.3376, 342.0270

■ 0.0000, 0.0000,
0.0000

■ 41.2821, 41.6333,
50.6600

■ 41.2821, 41.6333,
50.6600

■ 36.5139, 34.4331,
49.5222

■ 46.6131, 49.8349,
51.9627

■ 32.2841, 28.1891,
48.5399

■ 52.5231, 59.0701,
53.4338

■ 28.5717, 22.8604,
47.7070

■ 59.0318, 69.3763,
55.0800

■ 25.3528, 18.4013,
47.0160

■ 66.1572, 80.7873,
56.9071

■ 22.6014, 14.7617,
46.4585

■ 71.8058, 89.1149,
58.2167

■ 20.2890, 11.8865,
46.0254

■ 73.8949, 90.1919,
58.3145

■ 18.3834, 9.7136,
45.7064

■ 76.0738, 91.3151,
58.4165

■ 16.8474, 8.1706,
45.4895

■ 78.3435, 92.4852,
58.5227

■ 15.6286, 7.1549,
45.3577

■ 80.7051, 93.7027,
58.6332

Harmonies

Analogous

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



40.1387, 41.6333, 52.5436



41.2821, 41.6333, 50.6600



41.9752, 41.6333, 47.3913

Triad

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



41.2821, 41.6333, 50.6600



40.2840, 41.6333, 38.9112



37.2238, 41.6333, 46.9685

Complementary

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



41.2821, 41.6333, 50.6600



41.8698, 45.8843, 44.6820

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.



37.2608, 41.6333, 43.3325



41.2821, 41.6333, 50.6600



39.0091, 41.6333, 38.8117

Square

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



41.2821, 41.6333, 50.6600



41.3904, 41.6333, 40.6702



37.9082, 41.6333, 40.3905



37.8061, 41.6333, 50.3361

Rectangle

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



41.2821, 41.6333, 50.6600



42.0795, 41.6333, 44.9310



37.9082, 41.6333, 40.3905



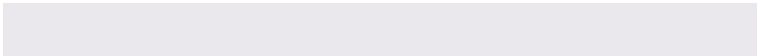
37.1647, 41.6333, 45.7345

Sweetspot

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



41.2833, 41.6351, 50.6609



78.6478, 81.7835, 91.8763



40.4953, 42.7044, 50.9088



17.3931, 18.0977, 20.2981



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



41.2833, 41.6351, 50.6609



72.1082, 71.7839, 90.2909



42.3169, 42.1835, 50.0063



9.0373, 8.9856, 11.3375



10.7566, 4.8564, 31.6235



0.4460, 0.2057, 1.1179

Inverse Universe

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



41.6424, 41.9137, 46.4547



72.9383, 72.4257, 80.6682



40.8919, 45.3658, 45.2813



9.1438, 9.0679, 10.1044



14.4346, 7.3476, 4.9097



0.5395, 0.2713, 0.3342

Previews

White Background



This preview shows how the XYZ color 41.2821, 41.6333, 50.6600 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 41.2821, 41.6333, 50.6600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

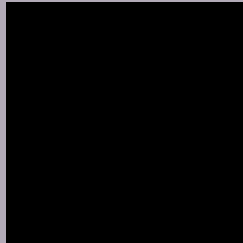
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2821, 41.6333, 50.6600

Background



This preview shows how black text looks on a background with the XYZ color 41.2821, 41.6333, 50.6600.



This preview shows how white text looks on a background with the XYZ color 41.2821, 41.6333,

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

41.2821, 41.6333, 50.6600

Protanopia

40.6378, 41.8500, 51.2834

Deuteranopia

42.5575, 41.7384, 50.6131



Tritanopia

41.2821, 41.6333, 50.6600

Trichromacy



Original Color

41.2821, 41.6333, 50.6600

Protanomaly

40.8938, 41.7005, 51.2411

Deuteranomaly

42.0266, 41.7399, 50.6413

Tritanomaly

41.2821, 41.6333, 50.6600

Monochromacy



Original Color

41.2821, 41.6333, 50.6600

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.5586, 42.1754, 47.5980

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2821, 41.6333, 50.6600 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(178, 170, 183)` looks like.

```
.text, #text, p{  
    color:rgb(178, 170, 183)  
}
```

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(178, 170, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 170, 183) }
```

Border

The CSS property to change the border of an element to XYZ 41.2821, 41.6333, 50.6600 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(178, 170, 183) }
```


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

```
.border{ border-color:rgb(178, 170, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 170, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 170, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 170, 183);  
box-shadow:4px 4px 4px 4px rgb(178, 170,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2821, 41.6333, 50.6600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 170, 183) }
```

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

```
.background{ background-color: rgb(178,  
170, 183) }
```

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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