

Converting Colors

XYZ(40.7273, 41.6245, 50.2388)

Have a look what the booklet for
XYZ(40.7273, 41.6245, 50.2388)
contains.

XYZ(40.6856, 41.6172, 50.1445)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(40.6856, 41.6172,
50.1445)**

Conversions

Conversions Part 1

Format	Color
Hex	AFABB6
RGB	175, 171, 182
RGB Percent	69%, 67%, 71%
CMY	0.3137, 0.3294, 0.2863
CMYK	0.04, 0.06, 0.00, 0.29
HSL	262°, 7%, 69%
HSV	262°, 6%, 71%
XYZ	40.6856, 41.6172, 50.1445
YIQ	173.4500, -1.1470, 4.2690

Conversions

Conversions Part 2

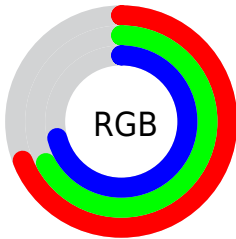
Format	Color
RYB	175, 171, 182
Decimal	11512758
CIELab	70.61, 3.52, -5.13
CIElCh	71, 6.220, 304.472
Yxy	41.6172, 0.3072, 0.3142
Android (android.graphics.Color)	4289702838 (0xFFAFABB6)
YUV	173.4500, 4.2152, 1.3594
Hunter-Lab	64.5114, -0.3198, -0.9280

Details

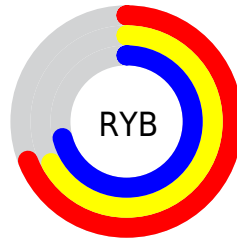
The XYZ color **40.6856, 41.6172, 50.1445** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.4403, 45.8622, 45.1457**, and the grayscale version is **39.9308, 42.0103, 45.7492**.

A 20% lighter version of the original color is **75.5840, 77.5547, 91.8748**, and **18.7277, 18.9896, 23.4472** is the 20% darker color. If you saturate the color by 10%, you get **34.9925, 33.9264, 48.9607**, and if you desaturate by 10%, it is **47.0776, 50.3733, 51.4983**.

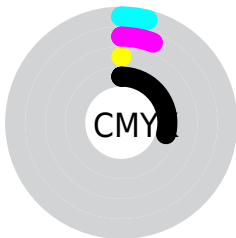
Distribution



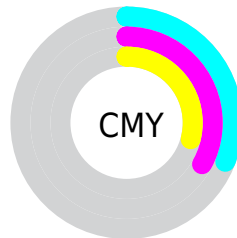
- Red (69%)
- Green (67%)
- Blue (71%)



- Red (69%)
- Yellow (67%)
- Blue (71%)



- Cyan (4%)
- Magenta (6%)
- Yellow (0%)
- Black (29%)



- Cyan (31%)
- Magenta (33%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.6856, 41.6172, 50.1445 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 40.6856, 41.6172, 50.1445 by changing the saturation by 10% instead.

■ 40.6856, 41.6172,
50.1445

■ 40.6856, 41.6172,
50.1445

340.0899,
352.8936, 403.9820

■ 28.2601, 28.8017,
35.1562

■ 75.4841, 77.6199,
91.7874

■ 18.6633, 18.9308,
23.4987

98.5878, 101.5759,
119.2792

■ 11.5298, 11.6203,
14.7535

125.9817,
130.0142, 151.7759

■ 6.4943, 6.4857,
8.5018

158.0310,
163.3192, 189.6960

■ 3.1914, 3.1426,
4.3254

195.1011,
201.8752, 233.4582

■ 1.2558, 1.2066,
1.8055

237.5574,

■ 0.1497, 0.0671,

246.0667, 283.4809

0.4316

285.7652,
296.2780, 340.1826

■ 0.0000, 0.0000,
0.0000

■ 40.6856, 41.6172,
50.1445

■ 40.6856, 41.6172,
50.1445

■ 34.9925, 33.9264,
48.9607

■ 47.0776, 50.3733,
51.4983

■ 29.9698, 27.2542,
47.9376

■ 54.1884, 60.2284,
53.0258

■ 25.5925, 21.5584,
47.0689

■ 62.0415, 71.2212,
54.7337

■ 21.8323, 16.7917,
46.3470

■ 70.6583, 83.3871,
56.6278

■ 18.6590, 12.9025,
45.7636

■ 77.7837, 92.2086,
57.9550

■ 16.0392, 9.8345,
45.3095

■ 81.6893, 94.2220,
58.1378

■ 13.9361, 7.5242,
44.9744

■ 85.4436, 96.1574,
58.3135

■ 12.3077, 5.8984,
44.7464

■ 11.1011, 4.8635,
44.6102

Harmonies

Analogous

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



39.7103, 41.6172, 51.1971



40.6856, 41.6172, 50.1445



41.3671, 41.6172, 47.7985

Triad

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



40.6856, 41.6172, 50.1445



40.4141, 41.6172, 40.3939



37.6173, 41.6172, 45.7570

Complementary

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



40.6856, 41.6172, 50.1445



42.4403, 45.8622, 45.1457

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.



37.7984, 41.6172, 42.9173



40.6856, 41.6172, 50.1445



39.4019, 41.6172, 39.8999

Square

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



40.6856, 41.6172, 50.1445



41.2084, 41.6172, 42.1840



38.4473, 41.6172, 40.8042



37.9482, 41.6172, 48.5953

Rectangle

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



40.6856, 41.6172, 50.1445



41.5568, 41.6172, 45.8618



38.4473, 41.6172, 40.8042



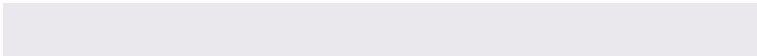
37.6203, 41.6172, 44.7707

Sweetspot

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



40.6868, 41.6190, 50.1454



78.2540, 81.5804, 91.8579



41.1898, 43.9372, 50.5664



17.3106, 18.0551, 20.2942



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.



40.6868, 41.6190, 50.1454



72.5929, 73.8617, 90.6664



41.9117, 42.2504, 50.2027



9.0711, 9.2132, 11.3797



7.6238, 3.2414, 31.4769



0.3378, 0.1499, 1.1129

Inverse Universe

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



41.8917, 42.2872, 48.0759



75.1530, 75.2818, 86.2572



41.2364, 45.2416, 45.0893



9.4082, 9.4002, 10.7985



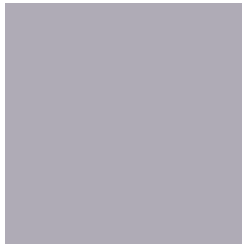
15.8761, 7.9242, 12.5002



0.5883, 0.2908, 0.5912

Previews

White Background



This preview shows how the XYZ color 40.6856, 41.6172, 50.1445 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 40.6856, 41.6172, 50.1445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

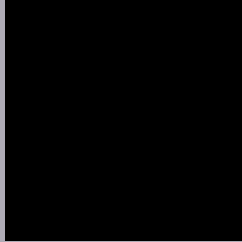
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.6856, 41.6172, 50.1445

Background



This preview shows how black text looks on a background with the XYZ color 40.6856, 41.6172, 50.1445.

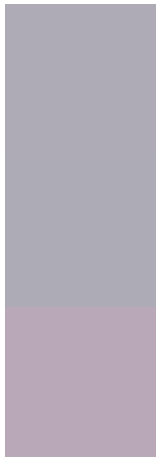


This preview shows how white text looks on a background with the XYZ color 40.6856, 41.6172,

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

40.6856, 41.6172, 50.1445

Protanopia

40.4296, 41.7667, 50.1869

Deuteranopia

42.5575, 41.7384, 50.6131



Tritanopia

40.8938, 41.7005, 51.2411

Trichromacy



Original Color

40.6856, 41.6172, 50.1445

Protanomaly

40.6516, 41.8811, 50.1973

Deuteranomaly

41.7913, 41.6186, 50.6303

Tritanomaly

40.7893, 41.6587, 50.6908

Monochromacy



Original Color

40.6856, 41.6172, 50.1445

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.0446, 41.6383, 47.0007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6856, 41.6172, 50.1445 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(175, 171, 182)` looks like.

```
.text, #text, p{  
    color:rgb(175, 171, 182)  
}
```

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(175, 171, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 171, 182) }
```

Border

The CSS property to change the border of an element to XYZ 40.6856, 41.6172, 50.1445 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(175, 171, 182) }
```


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

```
.border{ border-color:rgb(175, 171, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 171, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 171, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 171, 182);  
box-shadow:4px 4px 4px 4px rgb(175, 171,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6856, 41.6172, 50.1445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 171, 182) }
```

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

```
.background{ background-color: rgb(175,  
171, 182) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor