

Converting Colors

XYZ(40.5637, 42.0554, 52.5795)

Have a look what the booklet for
XYZ(40.5637, 42.0554, 52.5795)
contains.

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Color

**XYZ(40.6011, 42.0902,
52.4387)**

Conversions

Conversions Part 1

Format	Color
Hex	ABADBA
RGB	171, 173, 186
RGB Percent	67%, 68%, 73%
CMY	0.3294, 0.3216, 0.2706
CMYK	0.08, 0.07, 0.00, 0.27
HSL	232°, 10%, 70%
HSV	232°, 8%, 73%
XYZ	40.6011, 42.0902, 52.4387
YIQ	173.8840, -5.3650, 3.6190

Conversions

Conversions Part 2

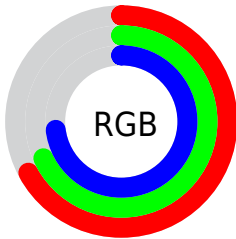
Format	Color
RYB	171, 173, 186
Decimal	11251130
CIELab	70.93, 1.85, -6.88
CIElCh	71, 7.129, 285.045
Yxy	42.0902, 0.3005, 0.3115
Android (android.graphics.Color)	4289441210 (0xFFABADBA)
YUV	173.8840, 5.9732, -2.5293
Hunter-Lab	64.8770, -1.8264, -2.5090

Details

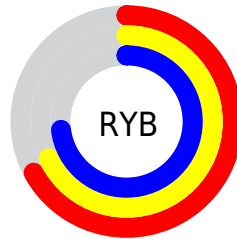
The XYZ color **40.6011, 42.0902, 52.4387** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.7411, 47.6602, 45.3702**, and the grayscale version is **40.1459, 42.2366, 45.9956**.

A 20% lighter version of the original color is **75.1344, 78.0664, 95.1127**, and **18.6788, 19.2901, 24.9292** is the 20% darker color. If you saturate the color by 10%, you get **33.9250, 34.3350, 51.2943**, and if you desaturate by 10%, it is **48.2226, 50.8885, 53.7359**.

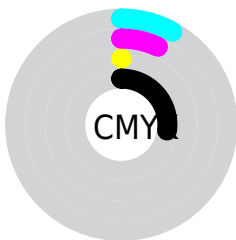
Distribution



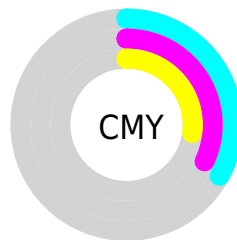
- Red (67%)
- Green (68%)
- Blue (73%)



- Red (67%)
- Yellow (68%)
- Blue (73%)



- Cyan (8%)
- Magenta (7%)
- Yellow (0%)
- Black (27%)



- Cyan (33%)
- Magenta (32%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.6011, 42.0902, 52.4387 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 40.6011, 42.0902, 52.4387 by changing the saturation by 10% instead.

■ 40.6011, 42.0902,
52.4387

■ 40.6011, 42.0902,
52.4387

339.7418,
354.8567, 413.1329

■ 28.1938, 29.1719,
36.9702

■ 75.3565, 78.3361,
95.2111

■ 18.6130, 19.2109,
24.8888

98.4354, 102.4326,
123.3520

■ 11.4933, 11.8228,
15.7760

125.8021,
131.0238, 156.5543

■ 6.4694, 6.6231,
9.2131

157.8221,
164.4944, 195.2363

■ 3.1759, 3.2275,
4.7818

194.8607,
203.2285, 239.8166

■ 1.2475, 1.2517,
2.0633

237.2833,

■ 0.1434, 0.1033,

247.6107, 290.7138

0.5938

285.4552,
298.0253, 348.3464

■ 0.0000, 0.0000,
0.0000

■ 40.6011, 42.0902,
52.4387

■ 40.6011, 42.0902,
52.4387

■ 33.9250, 34.3350,
51.2943

■ 48.2226, 50.8885,
53.7359

■ 28.1538, 27.5790,
50.2945

■ 56.8207, 60.7613,
55.1884

■ 23.2494, 21.7830,
49.4342

■ 66.4297, 71.7450,
56.8020

■ 19.1696, 16.9030,
48.7073

■ 77.0811, 83.8729,
58.5815

■ 15.8684, 12.8918,
48.1070

■ 85.4150, 95.4292,
60.3729

■ 13.2957, 9.6976,
47.6261

■ 85.8631, 96.3252,
60.5222

■ 11.3950, 7.2634,
47.2564

■ 10.1015, 5.5243,
46.9889

■ 9.3221, 4.3965,
46.8123

Harmonies

Analogous

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



39.4191, 42.0902, 52.4416



40.6011, 42.0902, 52.4387



41.6431, 42.0902, 50.6064

Triad

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



40.6011, 42.0902, 52.4387



41.6405, 42.0902, 41.3555



37.8398, 42.0902, 44.1622

Complementary

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



40.6011, 42.0902, 52.4387



44.7411, 47.6602, 45.3702

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.



38.4113, 42.0902, 41.3623



40.6011, 42.0902, 52.4387



40.5976, 42.0902, 39.7972

Square

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



40.6011, 42.0902, 52.4387



42.2513, 42.0902, 44.1525



39.4157, 42.0902, 39.7996



37.8407, 42.0902, 47.5476

Rectangle

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



40.6011, 42.0902, 52.4387



42.1115, 42.0902, 48.6438



39.4157, 42.0902, 39.7996



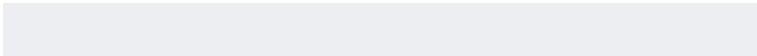
37.9708, 42.0902, 43.1251

Sweetspot

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



40.6023, 42.0920, 52.4396



81.7146, 85.6794, 96.4323



42.9798, 47.2267, 52.0612



18.0268, 18.9048, 21.2414



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.



40.6023, 42.0920, 52.4396



70.9103, 73.1847, 94.5901



41.3877, 41.9312, 52.3672



8.6152, 8.9076, 11.3447



6.2265, 2.9128, 31.4871



0.2508, 0.1654, 1.1204

Inverse Universe

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



42.3564, 42.5830, 45.5241



74.8673, 74.3115, 78.9850



43.9078, 47.8524, 45.4512



9.0521, 9.0312, 9.6219



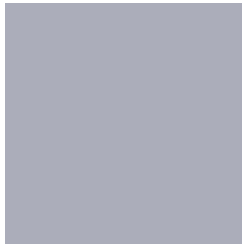
13.7565, 7.0764, 1.3388



0.5008, 0.2558, 0.1305

Previews

White Background



This preview shows how the XYZ color 40.6011, 42.0902, 52.4387 looks on a white background.

Color Contrast Check

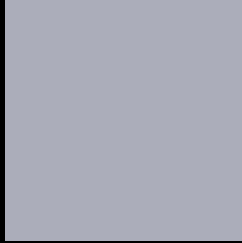
Large Text (above 18pt) WCAG AA × Fail

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 40.6011, 42.0902, 52.4387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

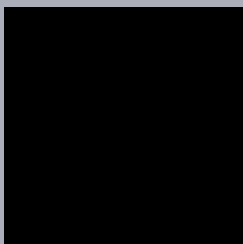
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

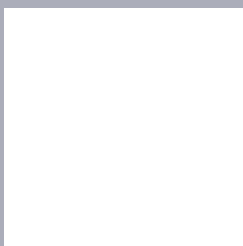
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.6011, 42.0902, 52.4387

Background



This preview shows how black text looks on a background with the XYZ color 40.6011, 42.0902, 52.4387.

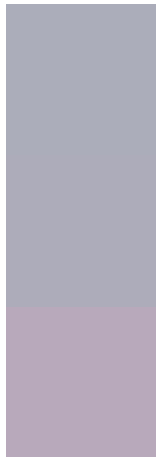


This preview shows how white text looks on a background with the XYZ color 40.6011, 42.0902,

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

40.6011, 42.0902, 52.4387

Protanopia

40.8490, 41.9345, 52.3956

Deuteranopia

42.9248, 42.1541, 52.8879



Tritanopia

40.7078, 42.1329, 53.0006

Trichromacy



Original Color

40.6011, 42.0902, 52.4387

Protanomaly

40.6287, 41.8209, 52.3852

Deuteranomaly

41.9348, 41.9210, 52.8951

Tritanomaly

40.7078, 42.1329, 53.0006

Monochromacy



Original Color

40.6011, 42.0902, 52.4387

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.4055, 42.3707, 48.1682

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6011, 42.0902, 52.4387 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(171, 173, 186)` looks like.

```
.text, #text, p{  
    color:rgb(171, 173, 186)  
}
```

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(171, 173, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 173, 186) }
```

Border

The CSS property to change the border of an element to XYZ 40.6011, 42.0902, 52.4387 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(171, 173, 186) }
```


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

```
.border{ border-color:rgb(171, 173, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 173, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 173, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 173, 186);  
box-shadow:4px 4px 4px 4px rgb(171, 173,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6011, 42.0902, 52.4387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 173, 186) }
```

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

```
.background{ background-color: rgb(171,  
173, 186) }
```

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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