

Converting Colors

XYZ(40.2733, 39.0542, 62.7276)

Have a look what the booklet for
XYZ(40.2733, 39.0542, 62.7276)
contains.

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Color

**XYZ(40.1447, 38.8788,
62.5153)**

Conversions

Conversions Part 1

Format	Color
Hex	A8A3CC
RGB	168, 163, 204
RGB Percent	66%, 64%, 80%
CMY	0.3412, 0.3608, 0.2000
CMYK	0.18, 0.20, 0.00, 0.20
HSL	247°, 29%, 72%
HSV	247°, 20%, 80%
XYZ	40.1447, 38.8788, 62.5153
YIQ	169.1690, -10.1810, 13.8110

Conversions

Conversions Part 2

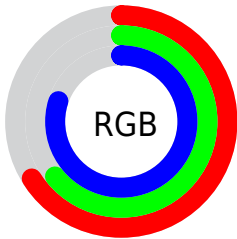
Format	Color
RYB	168, 163, 204
Decimal	11051980
CIELab	68.66, 10.22, -20.26
CIELCh	69, 22.688, 296.766
Yxy	38.8788, 0.2836, 0.2747
Android (android.graphics.Color)	4289242060 (0xFFA8A3CC)
YUV	169.1690, 17.1717, -1.0252
Hunter-Lab	62.3529, 5.8063, -15.7974

Details

The XYZ color **40.1447, 38.8788, 62.5153** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **51.7582, 57.9732, 43.1140**, and the grayscale version is **37.7179, 39.6822, 43.2139**.

A 20% lighter version of the original color is **73.8619, 73.2101, 104.8458**, and **18.2597, 17.2157, 31.2147** is the 20% darker color. If you saturate the color by 10%, you get **33.2563, 30.3782, 61.2382**, and if you desaturate by 10%, it is **48.1451, 48.8219, 64.0135**.

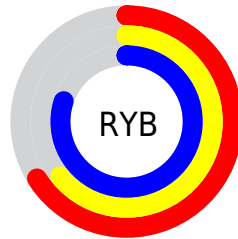
Distribution



Red (66%)

Green (64%)

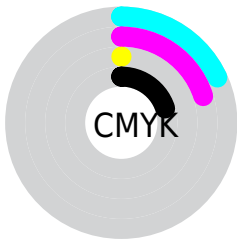
Blue (80%)



Red (66%)

Yellow (64%)

Blue (80%)

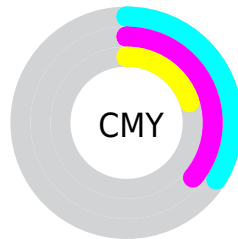


Cyan (18%)

Magenta (20%)

Yellow (0%)

Black (20%)



Cyan (34%)

Magenta (36%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.1447, 38.8788, 62.5153 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 40.1447, 38.8788, 62.5153 by changing the saturation by 10% instead.

■ 40.1447, 38.8788,
62.5153

■ 40.1447, 38.8788,
62.5153

337.8571,
341.3749, 451.8677

■ 27.8361, 26.6655,
45.0107

■ 74.6667, 73.4531,
110.0487

■ 18.3420, 17.3221,
31.1229

■ 97.6109, 96.5829,
140.9147

■ 11.2970, 10.4644,
20.4332

124.8309,
124.1203, 177.0715

■ 6.3357, 5.7080,
12.5231

156.6922,
156.4496, 218.9378

■ 3.0929, 2.6683,
6.9742

193.5602,
193.9554, 266.9320

■ 1.2031, 0.9611,
3.3677

235.8000,

■ 0.1088, 0.0000,

237.0219, 321.4727

1.2853

283.7772,
286.0336, 382.9784

■ 0.0000, 0.0000,
0.0497

■ 0.0000, 0.0000,
0.0000

■ 40.1447, 38.8788,
62.5153

■ 40.1447, 38.8788,
62.5153

■ 33.2563, 30.3782,
61.2382

■ 48.1451, 48.8219,
64.0135

■ 27.4270, 23.2485,
60.1693

■ 57.3002, 60.2653,
65.7397

■ 22.6050, 17.4189,
59.2982

■ 67.6546, 73.2694,
67.7040

■ 18.7325, 12.8105,
58.6128

■ 79.2497, 87.8899,
69.9150

■ 15.7460, 9.3357,
58.0995

■ 87.8992, 97.1397,
71.2445

■ 13.5738, 6.8953,
57.7429

■ 12.1330, 5.3724,
57.5249

■ 11.2970, 4.5647,
57.4131

Harmonies

Analogous

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



36.5656, 38.8788, 65.2562



40.1447, 38.8788, 62.5153



43.0230, 38.8788, 54.0983

Triad

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



40.1447, 38.8788, 62.5153



40.8607, 38.8788, 27.8755



30.4902, 38.8788, 41.2284

Complementary

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



40.1447, 38.8788, 62.5153



51.7582, 57.9732, 43.1140

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.



31.4828, 38.8788, 32.4096



40.1447, 38.8788, 62.5153



37.3434, 38.8788, 25.5250

Square

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



40.1447, 38.8788, 62.5153



43.4548, 38.8788, 34.0509



33.9354, 38.8788, 27.0410



31.1346, 38.8788, 51.8583

Rectangle

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



40.1447, 38.8788, 62.5153



44.0766, 38.8788, 47.0141



33.9354, 38.8788, 27.0410



30.6418, 38.8788, 37.9723

Sweetspot

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



40.1459, 38.8804, 62.5162



85.5908, 88.1641, 107.1140



46.4778, 53.0939, 64.9259



18.1089, 18.6071, 22.8870



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



40.1459, 38.8804, 62.5162



61.4551, 58.1684, 102.5963



44.8065, 41.2830, 62.7343



10.7267, 10.9084, 14.1105



7.1528, 2.8949, 36.1381



0.4123, 0.1717, 1.8663

Inverse Universe

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



48.3091, 43.1568, 59.8184



77.3590, 66.5033, 97.1911



46.7299, 55.3810, 42.8787



11.6264, 11.3793, 13.8331



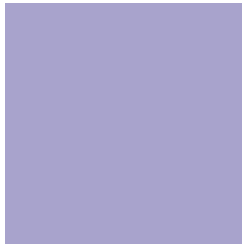
20.8262, 10.1411, 27.8673



1.0914, 0.5300, 1.5271

Previews

White Background



This preview shows how the XYZ color 40.1447, 38.8788, 62.5153 looks on a white background.

Color Contrast Check

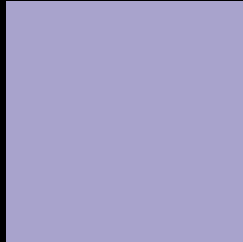
Large Text (above 18pt) WCAG AA × Fail

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 40.1447, 38.8788, 62.5153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

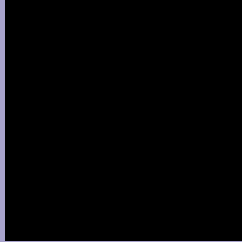
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.1447, 38.8788, 62.5153

Background



This preview shows how black text looks on a background with the XYZ color 40.1447, 38.8788, 62.5153.



This preview shows how white text looks on a background with the XYZ color 40.1447, 38.8788,

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

40.1447, 38.8788, 62.5153

Protanopia

38.8773, 38.9978, 63.8708

Deuteranopia

39.6916, 38.9099, 62.5451



Tritanopia

37.3668, 38.8252, 48.7046

Trichromacy



Original Color

40.1447, 38.8788, 62.5153

Protanomaly

39.3749, 38.9994, 63.2100

Deuteranomaly

39.9004, 39.0175, 62.5549

Tritanomaly

38.3386, 38.9459, 53.6408

Monochromacy



Original Color

40.1447, 38.8788, 62.5153

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.6244, 39.4498, 49.8348

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.1447, 38.8788, 62.5153 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(168, 163, 204)` looks like.

```
.text, #text, p{  
    color:rgb(168, 163, 204)  
}
```

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(168, 163, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 163, 204) }
```

Border

The CSS property to change the border of an element to XYZ 40.1447, 38.8788, 62.5153 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(168, 163, 204) }
```


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

```
.border{ border-color:rgb(168, 163, 204) }
```

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

Here you see how a box with a 4 pixel rgb(168, 163, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 163, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 163, 204);  
box-shadow:4px 4px 4px 4px rgb(168, 163,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 40.1447, 38.8788, 62.5153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 163, 204) }
```

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

```
.background{ background-color: rgb(168,  
163, 204) }
```

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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