

Converting Colors

XYZ(41.1368, 40.7494, 62.9587)

Have a look what the booklet for
XYZ(41.1368, 40.7494, 62.9587)
contains.

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Color

**XYZ(41.0502, 40.6897,
62.8171)**

Conversions

Conversions Part 1

Format	Color
Hex	A8A8CC
RGB	168, 168, 204
RGB Percent	66%, 66%, 80%
CMY	0.3412, 0.3412, 0.2000
CMYK	0.18, 0.18, 0.00, 0.20
HSL	240°, 26%, 73%
HSV	240°, 18%, 80%
XYZ	41.0502, 40.6897, 62.8171
YIQ	172.1040, -11.5560, 11.1960

Conversions

Conversions Part 2

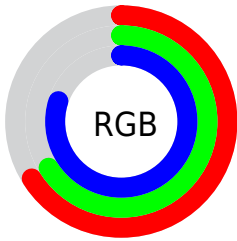
Format	Color
R_{YB}	168, 168, 204
Decimal	11053260
CIE Lab	69.96, 7.44, -18.29
CIE LCh	70, 19.746, 292.125
Yxy	40.6897, 0.2840, 0.2815
Android (android.graphics.Color)	4289243340 (0xFFA8A8CC)
YUV	172.1040, 15.7247, -3.5992
Hunter-Lab	63.7885, 3.2414, -13.7352

Details

The XYZ color **41.0502, 40.6897, 62.8171** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **53.5631, 58.8504, 45.5831**, and the grayscale version is **39.1934, 41.2345, 44.9044**.

A 20% lighter version of the original color is **74.8691, 75.6833, 105.2701**, and **18.9529, 18.4058, 31.4079** is the 20% darker color. If you saturate the color by 10%, you get **33.5681, 31.6744, 61.4720**, and if you desaturate by 10%, it is **49.8070, 51.2411, 64.3929**.

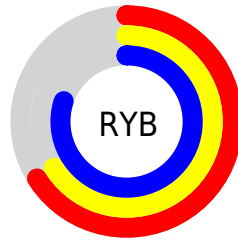
Distribution



Red (66%)

Green (66%)

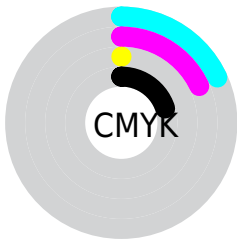
Blue (80%)



Red (66%)

Yellow (66%)

Blue (80%)

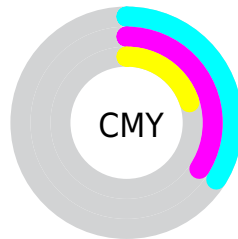


Cyan (18%)

Magenta (18%)

Yellow (0%)

Black (20%)



Cyan (34%)

Magenta (34%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0502, 40.6897, 62.8171 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 41.0502, 40.6897, 62.8171 by changing the saturation by 10% instead.

■ 41.0502, 40.6897,
62.8171

■ 41.0502, 40.6897,
62.8171

341.5894,
349.0220, 452.9951

■ 28.5462, 28.0767,
45.2532

■ 76.0343, 76.2126,
110.4886

■ 18.8803, 18.3835,
31.3125

■ 99.2451, 99.8913,
141.4333

■ 11.6873, 11.2257,
20.5765

126.7555,
128.0274, 177.6754

■ 6.6018, 6.2188,
12.6266

158.9309,
161.0053, 219.6334

■ 3.2585, 2.9786,
7.0442

196.1366,
199.2092, 267.7258

■ 1.2919, 1.1206,
3.4109

238.7381,

■ 0.1771, 0.0000,

243.0238, 322.3712

1.3081

287.1005,
292.8332, 383.9881

■ 0.0000, 0.0000,
0.0684

■ 0.0000, 0.0000,
0.0000

■ 41.0502, 40.6897,
62.8171

■ 41.0502, 40.6897,
62.8171

■ 33.5681, 31.6744,
61.4720

■ 49.8070, 51.2411,
64.3929

■ 27.2976, 24.1190,
60.3441

■ 59.8899, 63.3902,
66.2064

■ 22.1763, 17.9481,
59.4229

■ 71.3522, 77.2014,
68.2681

■ 18.1344, 13.0778,
58.6959

■ 84.2432, 92.7340,
70.5868

■ 15.0947, 9.4152,
58.1492

■ 87.8992, 97.1397,
71.2445

■ 12.9698, 6.8548,
57.7670

■ 11.6572, 5.2731,
57.5308

■ 11.0115, 4.4951,
57.4147

■ 10.8993, 4.3598,
57.3945

Harmonies

Analogous

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



37.8333, 40.6897, 64.2630



41.0502, 40.6897, 62.8171



43.7634, 40.6897, 56.0900

Triad

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



41.0502, 40.6897, 62.8171



42.5962, 40.6897, 31.7443



32.8669, 40.6897, 41.9217

Complementary

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



41.0502, 40.6897, 62.8171



53.5631, 58.8504, 45.5831

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.



33.9959, 40.6897, 34.2970



41.0502, 40.6897, 62.8171



39.5278, 40.6897, 28.9757

Square

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



41.0502, 40.6897, 62.8171



44.6899, 40.6897, 37.9637



36.3920, 40.6897, 29.8408



33.2244, 40.6897, 51.3140

Rectangle

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



41.0502, 40.6897, 62.8171



44.8628, 40.6897, 49.9652



36.3920, 40.6897, 29.8408



33.0829, 40.6897, 39.0878

Sweetspot

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



41.0515, 40.6914, 62.8180



86.5805, 89.7950, 107.3766



48.5695, 55.8423, 64.9696



18.2869, 18.9247, 22.9390



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.



41.0515, 40.6914, 62.8180



63.2507, 61.6842, 103.1803



45.0069, 42.7301, 63.0031



10.6018, 10.8441, 14.1047



6.8601, 2.7441, 36.1244



0.3539, 0.1416, 1.8636

Inverse Universe

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



45.9734, 43.6709, 43.0538



72.8276, 67.4818, 64.7243



49.0574, 56.5281, 45.3724



11.2124, 11.2137, 11.6530



15.6736, 8.0800, 0.7337



0.8086, 0.4168, 0.0379

Previews

White Background



This preview shows how the XYZ color 41.0502, 40.6897, 62.8171 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 41.0502, 40.6897, 62.8171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

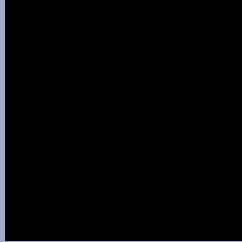
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.0502, 40.6897, 62.8171

Background



This preview shows how black text looks on a background with the XYZ color 41.0502, 40.6897, 62.8171.



This preview shows how white text looks on a background with the XYZ color 41.0502, 40.6897,

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

41.0502, 40.6897, 62.8171

Protanopia

40.3117, 40.5702, 63.4638

Deuteranopia

41.5124, 40.6550, 62.7860



Tritanopia

38.8369, 40.6279, 51.6940

Trichromacy



Original Color

41.0502, 40.6897, 62.8171

Protanomaly

40.7245, 40.7830, 63.4831

Deuteranomaly

41.2954, 40.5431, 62.7758

Tritanomaly

39.6150, 40.6622, 55.6298

Monochromacy



Original Color

41.0502, 40.6897, 62.8171

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.0092, 41.2444, 51.1997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0502, 40.6897, 62.8171 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, 168, 204)` looks like.

```
.text, #text, p{  
    color:rgb(168, 168, 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, 168, 204) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 41.0502, 40.6897, 62.8171 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, 168, 204) }
```


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

```
.border{ border-color:rgb(168, 168, 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, 168, 204)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 41.0502, 40.6897, 62.8171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(168,  
168, 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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