

Converting Colors

XYZ(41.7101, 41.0267, 38.7352)

Have a look what the booklet for
XYZ(41.7101, 41.0267, 38.7352)
contains.

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Color

**XYZ(41.6325, 40.9821,
38.5170)**

Conversions

Conversions Part 1

Format	Color
Hex	C0A69F
RGB	192, 166, 159
RGB Percent	75%, 65%, 62%
CMY	0.2471, 0.3490, 0.3765
CMYK	0.00, 0.14, 0.17, 0.25
HSL	13°, 21%, 69%
HSV	13°, 17%, 75%
XYZ	41.6325, 40.9821, 38.5170
YIQ	172.9760, 17.7430, 3.3350

Conversions

Conversions Part 2

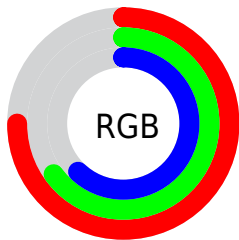
Format	Color
RYB	192, 168, 159
Decimal	12625567
CIELab	70.16, 8.33, 7.11
CIElCh	70, 10.952, 40.483
Yxy	40.9821, 0.3437, 0.3383
Android (android.graphics.Color)	4290815647 (0xFFC0A69F)
YUV	172.9760, -6.8902, 16.6840
Hunter-Lab	64.0173, 4.0541, 9.1393

Details

The XYZ color **41.6325, 40.9821, 38.5170** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.1613, 45.8738, 56.5547**, and the grayscale version is **39.7369, 41.8063, 45.5270**.

A 20% lighter version of the original color is **77.0610, 76.7077, 74.3628**, and **19.2053, 18.5206, 16.7500** is the 20% darker color. If you saturate the color by 10%, you get **37.5046, 35.1885, 29.5495**, and if you desaturate by 10%, it is **46.3449, 47.5297, 48.9571**.

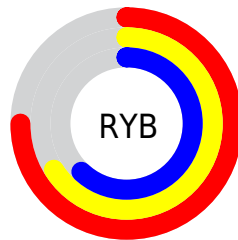
Distribution



Red (75%)

Green (65%)

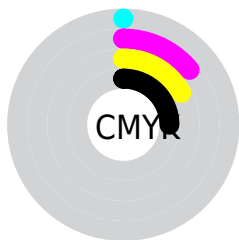
Blue (62%)



Red (75%)

Yellow (66%)

Blue (62%)

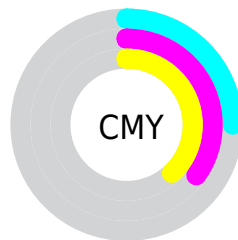


Cyan (0%)

Magenta (14%)

Yellow (17%)

Black (25%)



Cyan (25%)


Magenta (35%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.6325, 40.9821, 38.5170 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 41.6325, 40.9821, 38.5170 by changing the saturation by 10% instead.


 41.6325, 40.9821,
38.5170


 41.6325, 40.9821,
38.5170


343.9748,
350.2458, 355.1971

 29.0035, 28.3051,
26.0793

 76.9118, 76.6567,
74.1121

 19.2278, 18.5558,
16.6566

 100.2928,
100.4231, 98.1065

 11.9399, 11.3497,
9.8306


127.9885,
128.6548, 126.7902

 6.7747, 6.3026,
5.1827

160.3642,
161.7361, 160.5817

 3.3667, 3.0299,
2.2942

197.7853,
200.0515, 199.8996

 1.3505, 1.1474,
0.7280

240.6173,

 0.2205, 0.0181,

243.9853, 245.1625

0.0000

289.2253,
293.9219, 296.7888

0.0000, 0.0000,
0.0000

41.6325, 40.9821,
38.5170

41.6325, 40.9821,
38.5170

37.5046, 35.1885,
29.5495

46.3449, 47.5297,
48.9571

33.9347, 30.1164,
21.9857

51.6601, 54.8514,
60.9294

30.8994, 25.7387,
15.7547

57.6000, 62.9736,
74.4935

28.3721, 22.0248,
10.7786

64.1841, 71.9195,
89.7049

26.3238, 18.9417,
6.9715

71.4310, 81.7117,
106.6149

■ 24.7226, 16.4534,
4.2361

■ 75.5484, 89.9466,
107.9873

■ 23.5321, 14.5201,
2.4597

■ 22.7065, 13.0953,
1.4860

■ 22.5227, 12.7750,
1.2787

Harmonies

Analogous

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



42.4400, 40.9821, 42.8508



41.6325, 40.9821, 38.5170



40.1149, 40.9821, 35.9518

Triad

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



41.6325, 40.9821, 38.5170



35.7937, 40.9821, 41.4060



39.5826, 40.9821, 55.0474

Complementary

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



41.6325, 40.9821, 38.5170



41.1613, 45.8738, 56.5547

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.



37.8123, 40.9821, 54.5860



41.6325, 40.9821, 38.5170



35.6611, 40.9821, 46.4424

Square

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



41.6325, 40.9821, 38.5170



36.7576, 40.9821, 37.5292



36.3896, 40.9821, 51.3414



41.2326, 40.9821, 52.5577

Rectangle

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



41.6325, 40.9821, 38.5170



38.9232, 40.9821, 35.4634



36.3896, 40.9821, 51.3414



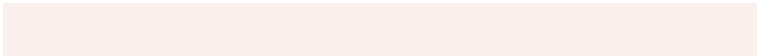
38.9813, 40.9821, 55.2367

Sweetspot

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



41.6336, 40.9839, 38.5179



85.9106, 88.7972, 93.0430



42.9362, 39.5231, 51.4869



18.2898, 18.8554, 19.6451



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



41.6336, 40.9839, 38.5179



72.2071, 69.7405, 62.7321



44.7452, 47.2071, 39.5551



10.2426, 10.4166, 10.5326



15.2022, 8.6902, 0.8761



0.7084, 0.4785, 0.0550

Inverse Universe

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



41.1613, 45.8738, 56.5547



71.1731, 80.4172, 102.1311



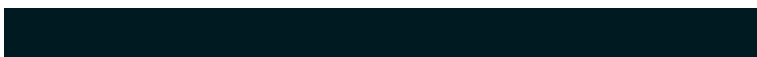
37.9825, 39.5161, 55.4951



10.1813, 11.0538, 12.8818



13.9344, 17.6252, 36.2242



0.6486, 0.8545, 1.5806

Previews

White Background



This preview shows how the XYZ color 41.6325, 40.9821, 38.5170 looks on a white background.

Color Contrast Check

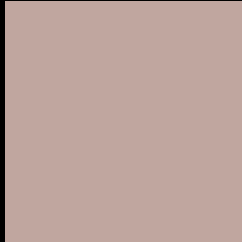
Large Text (above 18pt) WCAG AA × Fail

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 41.6325, 40.9821, 38.5170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

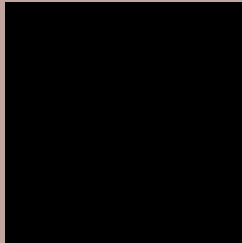
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.6325, 40.9821, 38.5170

Background



This preview shows how black text looks on a background with the XYZ color 41.6325, 40.9821, 38.5170.



This preview shows how white text looks on a background with the XYZ color 41.6325, 40.9821,

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

41.6325, 40.9821, 38.5170

Protanopia

39.2160, 41.0816, 40.0451

Deuteranopia

41.8865, 41.1131, 38.5289



Tritanopia

43.1818, 40.7983, 46.6732

Trichromacy



Original Color

41.6325, 40.9821, 38.5170

Protanomaly

39.9124, 40.8942, 39.5080

Deuteranomaly

41.8865, 41.1131, 38.5289

Tritanomaly

42.5235, 40.7907, 43.6624

Monochromacy



Original Color

41.6325, 40.9821, 38.5170

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.2650, 41.2799, 42.8914

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6325, 40.9821, 38.5170 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(192, 166, 159)` looks like.

```
.text, #text, p{  
    color:rgb(192, 166, 159)  
}
```

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(192, 166, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 166, 159) }
```

Border

The CSS property to change the border of an element to XYZ 41.6325, 40.9821, 38.5170 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(192, 166, 159) }
```


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

```
.border{ border-color:rgb(192, 166, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 166, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 166, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 166, 159);  
box-shadow:4px 4px 4px 4px rgb(192, 166,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6325, 40.9821, 38.5170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 166, 159) }
```

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

```
.background{ background-color: rgb(192,  
166, 159) }
```

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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