

Converting Colors

XYZ(43.2428, 40.7053, 42.3460)

Have a look what the booklet for
XYZ(43.2428, 40.7053, 42.3460)
contains.

XYZ(43.1841, 40.6364, 42.1268)	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(43.1841, 40.6364,
42.1268)**

Conversions

Conversions Part 1

Format	Color
Hex	C6A2A7
RGB	198, 162, 167
RGB Percent	78%, 64%, 65%
CMY	0.2235, 0.3647, 0.3451
CMYK	0.00, 0.18, 0.16, 0.22
HSL	352°, 24%, 71%
HSV	352°, 18%, 78%
XYZ	43.1841, 40.6364, 42.1268
YIQ	173.3340, 19.8510, 9.1870

Conversions

Conversions Part 2

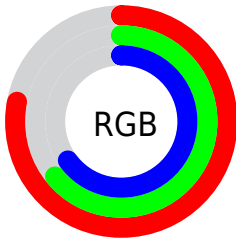
Format	Color
R_{YB}	198, 162, 167
Decimal	13017767
CIE _{Lab}	69.92, 14.04, 2.40
CIE _{LCh}	70, 14.242, 9.718
Yxy	40.6364, 0.3429, 0.3226
Android (android.graphics.Color)	4291207847 (0xFFC6A2A7)
YUV	173.3340, -3.1227, 21.6321
Hunter-Lab	63.7467, 9.3651, 5.4411

Details

The XYZ color **43.1841, 40.6364, 42.1268** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.7216, 51.9209, 58.1192**, and the grayscale version is **39.9002, 41.9781, 45.7142**.

A 20% lighter version of the original color is **79.2377, 76.1596, 79.6312**, and **20.1720, 18.3190, 18.6924** is the 20% darker color. If you saturate the color by 10%, you get **38.4933, 33.6132, 33.2920**, and if you desaturate by 10%, it is **48.6342, 48.8447, 52.2411**.

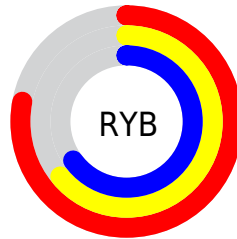
Distribution



Red (78%)

Green (64%)

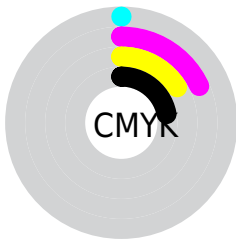
Blue (65%)



Red (78%)

Yellow (64%)

Blue (65%)

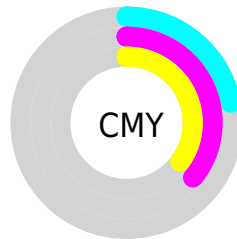


Cyan (0%)

Magenta (18%)

Yellow (16%)

Black (22%)



Cyan (22%)


Magenta (36%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1841, 40.6364, 42.1268 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 43.1841, 40.6364, 42.1268 by changing the saturation by 10% instead.


 43.1841, 40.6364,
42.1268


 43.1841, 40.6364,
42.1268


350.2770,
348.7987, 370.8235

 30.2247, 28.0351,
28.8743


 79.2426, 76.1316,
79.6637

 20.1582, 18.3521,
18.7410


 103.0724, 99.7943,
104.7851

 12.6190, 11.2031,
11.3083


131.2564,
127.9130, 134.6999

 7.2419, 6.2036,
6.1579

164.1600,
160.8719, 169.8266

 3.6615, 2.9693,
2.8710

202.1485,
199.0555, 210.5838

 1.5125, 1.1157,
1.0291

245.5873,

 0.3343, 0.0000,

242.8483, 257.3899

0.0000

294.8417,
292.6345, 310.6637

■ 0.0000, 0.0000,
0.0000

■ 43.1841, 40.6364,
42.1268

■ 43.1841, 40.6364,
42.1268

■ 38.4933, 33.6132,
33.2920

■ 48.6342, 48.8447,
52.2411

■ 34.5248, 27.7151,
25.6832

■ 54.8718, 58.2837,
63.6806

■ 31.2434, 22.8852,
19.2467

■ 61.9278, 69.0030,
76.4918

■ 28.6095, 19.0594,
13.9239

■ 69.8304, 81.0481,
90.7182

■ 26.5799, 16.1666,
9.6510

■ 76.6608, 90.5706,
105.7526

■ 25.1055, 14.1266,
6.3578

■ 77.0989, 90.7459,
108.0599

■ 24.1295, 12.8453,
3.9651

■ 23.5700, 12.1809,
2.3769

■ 23.4924, 12.0873,
2.1614

Harmonies

Analogous

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



42.9558, 40.6364, 48.8186



43.1841, 40.6364, 42.1268



42.1534, 40.6364, 36.5823

Triad

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



43.1841, 40.6364, 42.1268



35.8458, 40.6364, 35.1383



37.0996, 40.6364, 57.3278

Complementary

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



43.1841, 40.6364, 42.1268



44.7216, 51.9209, 58.1192

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.



35.2967, 40.6364, 52.9118



43.1841, 40.6364, 42.1268



34.5931, 40.6364, 39.9684

Square

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



43.1841, 40.6364, 42.1268



37.8764, 40.6364, 32.8224



34.3962, 40.6364, 46.4354



39.3807, 40.6364, 58.0536

Rectangle

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



43.1841, 40.6364, 42.1268



40.9144, 40.6364, 34.1158



34.3962, 40.6364, 46.4354



36.4201, 40.6364, 56.2062

Sweetspot

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



43.1852, 40.6382, 42.1277



89.3987, 91.4460, 98.5428



45.0051, 41.2047, 59.0079



18.9713, 19.3257, 20.7912



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.



43.1852, 40.6382, 42.1277



72.8647, 66.5505, 67.8363



45.0638, 45.1204, 40.5186



10.6928, 10.6605, 11.3658



15.2964, 7.8681, 1.5050



0.7443, 0.3806, 0.1765

Inverse Universe

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



43.1852, 40.6382, 42.1277



72.8647, 66.5505, 67.8363



42.5276, 46.6256, 60.1848



10.6928, 10.6605, 11.3658



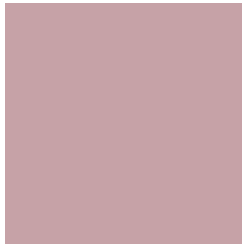
15.2964, 7.8681, 1.5050



0.7443, 0.3806, 0.1765

Previews

White Background



This preview shows how the XYZ color 43.1841, 40.6364, 42.1268 looks on a white background.

Color Contrast Check

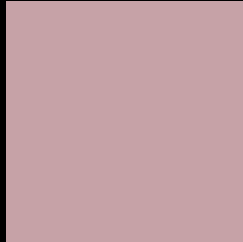
Large Text (above 18pt) WCAG AA × Fail

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 43.1841, 40.6364, 42.1268 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 43.1841, 40.6364, 42.1268

Background



This preview shows how black text looks on a background with the XYZ color 43.1841, 40.6364, 42.1268.



This preview shows how white text looks on a background with the XYZ color 43.1841, 40.6364,

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

43.1841, 40.6364, 42.1268

Protanopia

39.2767, 40.7267, 44.8207

Deuteranopia

41.3243, 40.4823, 41.7122



Tritanopia

43.8409, 40.6490, 45.0705

Trichromacy



Original Color

43.1841, 40.6364, 42.1268

Protanomaly

40.6029, 40.6070, 43.7281

Deuteranomaly

41.8966, 40.5106, 41.6875

Tritanomaly

43.6487, 40.5721, 44.0587

Monochromacy



Original Color

43.1841, 40.6364, 42.1268

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.8301, 41.2613, 44.3403

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1841, 40.6364, 42.1268 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(198, 162, 167)` looks like.

```
.text, #text, p{  
    color:rgb(198, 162, 167)  
}
```

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(198, 162, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 162, 167) }
```

Border

The CSS property to change the border of an element to XYZ 43.1841, 40.6364, 42.1268 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(198, 162, 167) }
```


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

```
.border{ border-color:rgb(198, 162, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 162, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 162, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 162, 167);  
box-shadow:4px 4px 4px 4px rgb(198, 162,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1841, 40.6364, 42.1268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 162, 167) }
```

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

```
.background{ background-color: rgb(198,  
162, 167) }
```

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