

Converting Colors

XYZ(42.5515, 40.1747, 35.6495)

Have a look what the booklet for
XYZ(42.5515, 40.1747, 35.6495)
contains.

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Color

**XYZ(42.5820, 40.2072,
35.6534)**

Conversions

Conversions Part 1

Format	Color
Hex	C9A199
RGB	201, 161, 153
RGB Percent	79%, 63%, 60%
CMY	0.2118, 0.3686, 0.4000
CMYK	0.00, 0.20, 0.24, 0.21
HSL	10°, 31%, 69%
HSV	10°, 24%, 79%
XYZ	42.5820, 40.2072, 35.6534
YIQ	172.0480, 26.4080, 5.9920

Conversions

Conversions Part 2

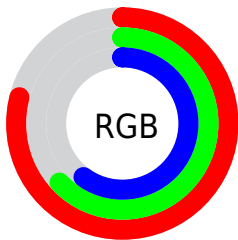
Format	Color
R _Y B	201, 163, 153
Decimal	13214105
CIE Lab	69.62, 13.55, 9.76
CIE LCh	70, 16.702, 35.775
Yxy	40.2072, 0.3595, 0.3395
Android (android.graphics.Color)	4291404185 (0xFFC9A199)
YUV	172.0480, -9.3907, 25.3909
Hunter-Lab	63.4091, 8.9045, 11.0491

Details

The XYZ color **42.5820, 40.2072, 35.6534** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.7488, 49.1276, 62.4879**, and the grayscale version is **39.2746, 41.3199, 44.9974**.

A 20% lighter version of the original color is **77.0584, 74.8767, 69.4227**, and **19.7210, 18.0076, 15.0068** is the 20% darker color. If you saturate the color by 10%, you get **38.3265, 34.1327, 26.7227**, and if you desaturate by 10%, it is **47.5114, 47.1813, 46.1893**.

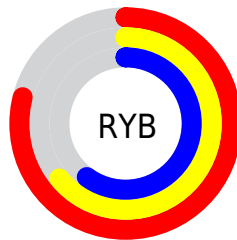
Distribution



Red (79%)

Green (63%)

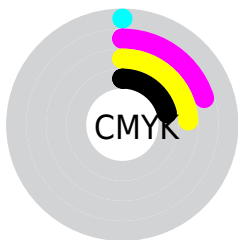
Blue (60%)



Red (79%)

Yellow (64%)

Blue (60%)

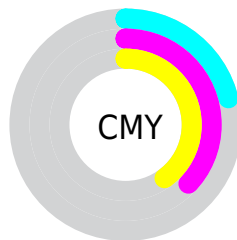


Cyan (0%)

Magenta (20%)

Yellow (24%)

Black (21%)



Cyan (21%)


Magenta (37%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.5820, 40.2072, 35.6534 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 42.5820, 40.2072, 35.6534 by changing the saturation by 10% instead.


 42.5820, 40.2072,
35.6534


 42.5820, 40.2072,
35.6534


347.8406,
346.9961, 342.4346

 29.7504, 27.7001,
23.8791


 78.3394, 75.4789,
69.6598

 19.7963, 18.0997,
15.0326


 101.9958, 99.0124,
92.7289

 12.3545, 11.0216,
8.6954

129.9912,
126.9901, 120.4000

 7.0595, 6.0814,
4.4489

162.6910,
159.7964, 153.0917

 3.5460, 2.8946,
1.8747

200.4605,
197.8158, 191.2224

 1.4486, 1.0770,
0.4766

243.6650,

 0.2905, 0.0000,

241.4326, 235.2108

0.0000

292.6699,
291.0313, 285.4753

0.0000, 0.0000,
0.0000

42.5820, 40.2072,
35.6534

42.5820, 40.2072,
35.6534

38.3265, 34.1327,
26.7227

47.5114, 47.1813,
46.1893

34.7121, 28.9158,
19.3159

53.1392, 55.0840,
58.4014

31.7084, 24.5193,
13.3481

59.4923, 63.9497,
72.3593

29.2806, 20.9009,
8.7252

66.5957, 73.8094,
88.1283

27.3910, 18.0148,
5.3418

74.4727, 84.6928,
105.7699

■ 25.9967, 15.8100,
3.0767

■ 77.8974, 91.1575,
108.0973

■ 25.0477, 14.2289,
1.7839

■ 24.6458, 13.5342,
1.3134

Harmonies

Analogous

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



43.6142, 40.2072, 42.3005



42.5820, 40.2072, 35.6534



40.3846, 40.2072, 31.5773

Triad

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



42.5820, 40.2072, 35.6534



33.6765, 40.2072, 37.9599



38.7402, 40.2072, 60.2906

Complementary

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



42.5820, 40.2072, 35.6534



42.7488, 49.1276, 62.4879

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.



36.1259, 40.2072, 58.7770



42.5820, 40.2072, 35.6534



33.2822, 40.2072, 45.2911

Square

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



42.5820, 40.2072, 35.6534



35.2619, 40.2072, 32.7952



34.1586, 40.2072, 53.0535



41.3301, 40.2072, 56.9760

Rectangle

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



42.5820, 40.2072, 35.6534



38.5993, 40.2072, 30.5682



34.1586, 40.2072, 53.0535



37.8347, 40.2072, 60.3340

Sweetspot

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



42.5831, 40.2090, 35.6542



87.7454, 89.7779, 92.9399



45.1045, 39.0506, 55.6125



18.6525, 19.0358, 19.6134



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.



42.5831, 40.2090, 35.6542



68.7401, 62.9071, 52.2623



47.1864, 49.4156, 37.1887



10.7744, 10.9180, 11.1023



15.5421, 8.6014, 0.8411



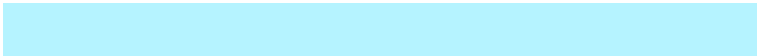
0.7817, 0.4989, 0.0551

Inverse Universe

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



42.7488, 49.1276, 62.4879



69.0692, 80.9527, 106.5928



37.8678, 39.3657, 60.8609



10.7904, 11.7548, 13.6177



15.4309, 20.2557, 37.8408



0.7718, 1.0413, 1.8055

Previews

White Background



This preview shows how the XYZ color 42.5820, 40.2072, 35.6534 looks on a white background.

Color Contrast Check

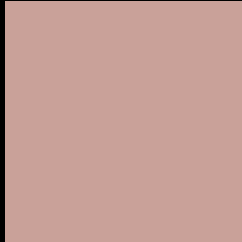
Large Text (above 18pt) WCAG AA × Fail

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 42.5820, 40.2072, 35.6534 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 42.5820, 40.2072, 35.6534

Background



This preview shows how black text looks on a background with the XYZ color 42.5820, 40.2072, 35.6534.



This preview shows how white text looks on a background with the XYZ color 42.5820, 40.2072,

35.6534.

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

42.5820, 40.2072, 35.6534

Protanopia

38.4508, 40.4482, 38.1285

Deuteranopia

40.9353, 40.1554, 35.2990



Tritanopia

44.2061, 40.0905, 43.9364

Trichromacy



Original Color

42.5820, 40.2072, 35.6534

Protanomaly

39.8271, 40.3520, 37.1421

Deuteranomaly

41.5296, 40.1971, 35.2757

Tritanomaly

43.4561, 40.0332, 40.5587

Monochromacy



Original Color

42.5820, 40.2072, 35.6534

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.3226, 40.7892, 41.3452

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5820, 40.2072, 35.6534 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(201, 161, 153)` looks like.

```
.text, #text, p{  
    color:rgb(201, 161, 153)  
}
```

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(201, 161, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 161, 153) }
```

Border

The CSS property to change the border of an element to XYZ 42.5820, 40.2072, 35.6534 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(201, 161, 153) }
```


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

```
.border{ border-color:rgb(201, 161, 153) }
```

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

Here you see how a box with a 4 pixel rgb(201, 161, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 161, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 161, 153);  
box-shadow:4px 4px 4px 4px rgb(201, 161,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5820, 40.2072, 35.6534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 161, 153) }
```

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

```
.background{ background-color: rgb(201,  
161, 153) }
```

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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