

Converting Colors

XYZ(43.2488, 40.8715, 35.3120)

Have a look what the booklet for
XYZ(43.2488, 40.8715, 35.3120)
contains.

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Color

**XYZ(43.2164, 40.8042,
35.3040)**

Conversions

Conversions Part 1

Format	Color
Hex	CBA298
RGB	203, 162, 152
RGB Percent	80%, 64%, 60%
CMY	0.2039, 0.3647, 0.4039
CMYK	0.00, 0.20, 0.25, 0.20
HSL	12°, 33%, 70%
HSV	12°, 25%, 80%
XYZ	43.2164, 40.8042, 35.3040
YIQ	173.1190, 27.6460, 5.5820

Conversions

Conversions Part 2

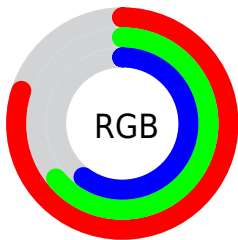
Format	Color
R _Y B	203, 164, 152
Decimal	13345432
CIE Lab	70.04, 13.62, 10.94
CIE LCh	70, 17.475, 38.772
Yxy	40.8042, 0.3622, 0.3420
Android (android.graphics.Color)	4291535512 (0xFFCBA298)
YUV	173.1190, -10.4117, 26.2056
Hunter-Lab	63.8782, 8.9763, 11.9465

Details

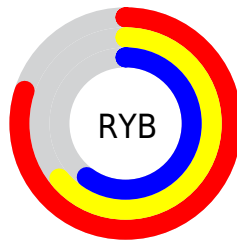
The XYZ color **43.2164, 40.8042, 35.3040** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.7977, 49.1255, 63.7265**, and the grayscale version is **39.8237, 41.8976, 45.6265**.

A 20% lighter version of the original color is **77.1934, 75.3419, 68.8664**, and **20.1376, 18.3873, 14.7997** is the 20% darker color. If you saturate the color by 10%, you get **39.0038, 34.8158, 26.3871**, and if you desaturate by 10%, it is **48.0888, 47.6562, 45.8456**.

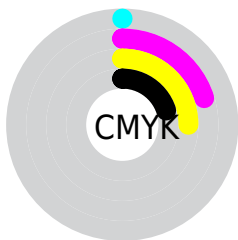
Distribution



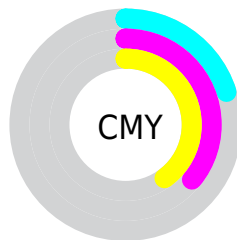
- Red (80%)
- Green (64%)
- Blue (60%)



- Red (80%)
- Yellow (64%)
- Blue (60%)



- Cyan (0%)
- Magenta (20%)
- Yellow (25%)
- Black (20%)





- Cyan (20%)
- Magenta (36%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2164, 40.8042, 35.3040 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 43.2164, 40.8042, 35.3040 by changing the saturation by 10% instead.


 43.2164, 40.8042,
35.3040


 43.2164, 40.8042,
35.3040


350.4074,
349.5016, 340.8531

 30.2502, 28.1661,
23.6117


 79.2910, 76.3866,
69.1133

 20.1776, 18.4509,
14.8363

 103.1301,
100.0997, 92.0675

 12.6332, 11.2742,
8.5592


131.3242,
128.2732, 119.6127

 7.2517, 6.2516,
4.3620

164.2387,
161.2916, 152.1674

 3.6677, 2.9987,
1.8259

202.2389,
199.5392, 190.1503

 1.5159, 1.1310,
0.4450

245.6902,

 0.3366, 0.0043,

243.4005, 233.9799

0.0000

294.9579,
293.2599, 284.0746

■ 0.0000, 0.0000,
0.0000

■ 43.2164, 40.8042,
35.3040

■ 43.2164, 40.8042,
35.3040

■ 39.0038, 34.8158,
26.3871

■ 48.0888, 47.6562,
45.8456

■ 35.4190, 29.6511,
19.0115

■ 53.6446, 55.3986,
58.0848

■ 32.4322, 25.2753,
13.0897

■ 59.9104, 64.0638,
72.0930

■ 30.0097, 21.6491,
8.5248

■ 66.9103, 73.6810,
87.9369

■ 28.1144, 18.7295,
5.2080

■ 74.6672, 84.2782,
105.6797

■ 26.7045, 16.4691,
3.0132

■ 78.4386, 91.4365,
108.1226

■ 25.7309, 14.8142,
1.7876

■ 25.3814, 14.2021,
1.4035

Harmonies

Analogous

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



44.4576, 40.8042, 42.0772



43.2164, 40.8042, 35.3040



40.8023, 40.8042, 31.3414

Triad

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



43.2164, 40.8042, 35.3040



33.8940, 40.8042, 38.9828



39.6253, 40.8042, 61.8229

Complementary

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



43.2164, 40.8042, 35.3040



42.7977, 49.1255, 63.7265

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.



36.8318, 40.8042, 60.7304



43.2164, 40.8042, 35.3040



33.6133, 40.8042, 46.8665

Square

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



43.2164, 40.8042, 35.3040



35.4503, 40.8042, 33.2774



34.6640, 40.8042, 55.0043



42.3186, 40.8042, 57.8287

Rectangle

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



43.2164, 40.8042, 35.3040



38.9008, 40.8042, 30.5076



34.6640, 40.8042, 55.0043



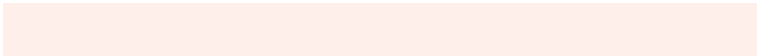
38.6658, 40.8042, 62.0476

Sweetspot

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



43.2175, 40.8061, 35.3048



86.9277, 88.7351, 90.8406



45.5554, 39.0327, 55.9663



18.2978, 18.5637, 18.7631



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.



43.2175, 40.8061, 35.3048



68.5083, 62.8587, 50.9053



48.0349, 50.4408, 36.9106



11.3875, 11.5640, 11.7113



16.2040, 9.1409, 0.9103



0.8900, 0.5797, 0.0650

Inverse Universe

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



42.7977, 49.1255, 63.7265



67.6833, 79.0607, 106.3007



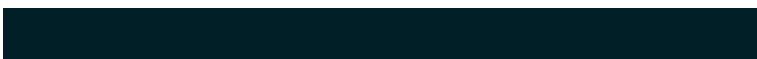
37.7591, 39.0483, 62.0470



11.3490, 12.3385, 14.3538



15.2799, 19.5838, 38.9310



0.8373, 1.1084, 2.0247

Previews

White Background



This preview shows how the XYZ color 43.2164, 40.8042, 35.3040 looks on a white background.

Color Contrast Check

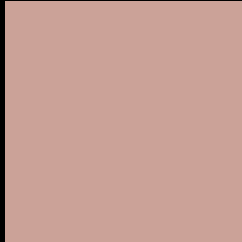
Large Text (above 18pt) WCAG AA × Fail

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 43.2164, 40.8042, 35.3040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

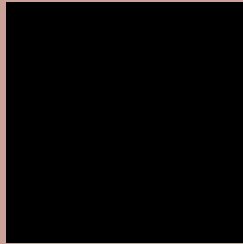
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.2164, 40.8042, 35.3040

Background



This preview shows how black text looks on a background with the XYZ color 43.2164, 40.8042, 35.3040.



This preview shows how white text looks on a background with the XYZ color 43.2164, 40.8042,

35.3040.

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

43.2164, 40.8042, 35.3040

Protanopia

39.0088, 41.0251, 37.7609

Deuteranopia

41.5467, 40.7467, 34.9533



Tritanopia

44.9257, 40.7157, 44.0192

Trichromacy



Original Color

43.2164, 40.8042, 35.3040

Protanomaly

40.4125, 40.9366, 36.7819

Deuteranomaly

42.1501, 40.7911, 34.9301

Tritanomaly

44.1735, 40.6593, 40.6418

Monochromacy



Original Color

43.2164, 40.8042, 35.3040

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.7467, 41.2829, 41.4181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2164, 40.8042, 35.3040 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(203, 162, 152)` looks like.

```
.text, #text, p{  
    color:rgb(203, 162, 152)  
}
```

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(203, 162, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 162, 152) }
```

Border

The CSS property to change the border of an element to XYZ 43.2164, 40.8042, 35.3040 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(203, 162, 152) }
```


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

```
.border{ border-color:rgb(203, 162, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 162, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 162, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 162, 152);  
box-shadow:4px 4px 4px 4px rgb(203, 162,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2164, 40.8042, 35.3040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 162, 152) }
```

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

```
.background{ background-color: rgb(203,  
162, 152) }
```

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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