

Converting Colors

XYZ(41.9876, 38.8456, 32.9987)

Have a look what the booklet for
XYZ(41.9876, 38.8456, 32.9987)
contains.

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Color

**XYZ(41.9520, 38.9170,
32.9044)**

Conversions

Conversions Part 1

Format	Color
Hex	CB9D93
RGB	203, 157, 147
RGB Percent	80%, 62%, 58%
CMY	0.2039, 0.3843, 0.4235
CMYK	0.00, 0.23, 0.28, 0.20
HSL	11°, 35%, 69%
HSV	11°, 28%, 80%
XYZ	41.9520, 38.9170, 32.9044
YIQ	169.6140, 30.6260, 6.6420

Conversions

Conversions Part 2

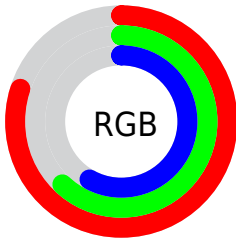
Format	Color
R _Y B	203, 159, 147
Decimal	13344147
CIE Lab	68.69, 15.65, 11.81
CIE LCh	69, 19.600, 37.039
Yxy	38.9170, 0.3687, 0.3421
Android (android.graphics.Color)	4291534227 (0xFFC9B9D93)
YUV	169.6140, -11.1487, 29.2795
Hunter-Lab	62.3835, 10.8676, 12.3957

Details

The XYZ color **41.9520, 38.9170, 32.9044** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.8815, 48.6533, 63.6837**, and the grayscale version is **38.0602, 40.0423, 43.6061**.

A 20% lighter version of the original color is **75.3261, 72.5640, 65.2945**, and **19.4781, 17.4485, 13.4076** is the 20% darker color. If you saturate the color by 10%, you get **37.8666, 33.0743, 24.3649**, and if you desaturate by 10%, it is **46.7056, 45.6458, 43.0543**.

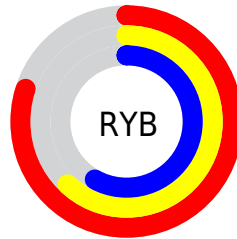
Distribution



Red (80%)

Green (62%)

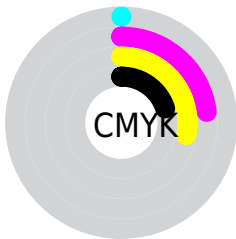
Blue (58%)



Red (80%)

Yellow (62%)

Blue (58%)

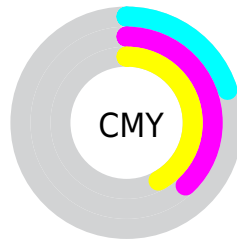


Cyan (0%)

Magenta (23%)

Yellow (28%)

Black (20%)



Cyan (20%)


Magenta (38%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.9520, 38.9170, 32.9044 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 41.9520, 38.9170, 32.9044 by changing the saturation by 10% instead.

 41.9520, 38.9170,
32.9044

 41.9520, 38.9170,
32.9044


345.2789,
341.5375, 329.8375

 29.2547, 26.6952,
21.7827


 77.3926, 73.5115,
65.3405

 19.4188, 17.3444,
13.5005


 100.8666, 96.6530,
87.4921

 12.0791, 10.4804,
7.6393


128.6634,
124.2031, 114.1573

 6.8701, 5.7186,
3.7806

161.1486,
156.5463, 145.7547

 3.4266, 2.6747,
1.5058

198.6873,
194.0669, 182.7029

 1.3832, 0.9644,
0.2222

241.6451,

 0.2442, 0.0000,

237.1494, 225.4204

0.0000

290.3872,
286.1781, 274.3258

■ 0.0000, 0.0000,
0.0000

■ 41.9520, 38.9170,
32.9044

■ 41.9520, 38.9170,
32.9044

■ 37.8666, 33.0743,
24.3649

■ 46.7056, 45.6458,
43.0543

■ 34.4159, 28.0752,
17.3505

■ 52.1527, 53.2899,
54.8891

■ 31.5685, 23.8822,
11.7714

■ 58.3207, 61.8839,
68.4818

■ 29.2886, 20.4524,
7.5276

■ 65.2351, 71.4590,
83.9001

■ 27.5366, 17.7391,
4.5062

■ 72.9198, 82.0450,
101.2083

■ 26.2676, 15.6903,
2.5752

■ 78.4387, 91.4365,
108.1226

■ 25.4241, 14.2445,
1.5502

■ 25.2676, 13.9744,
1.3656

Harmonies

Analogous

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



43.2232, 38.9170, 40.3172



41.9520, 38.9170, 32.9044



39.3627, 38.9170, 28.5244

Triad

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



41.9520, 38.9170, 32.9044



31.7702, 38.9170, 36.0600



37.7244, 38.9170, 61.6648

Complementary

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



41.9520, 38.9170, 32.9044



41.8815, 48.6533, 63.6837

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.



34.7135, 38.9170, 60.1072



41.9520, 38.9170, 32.9044



31.3858, 38.9170, 44.4996

Square

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



41.9520, 38.9170, 32.9044



33.5154, 38.9170, 30.1609



32.4345, 38.9170, 53.5057



40.6956, 38.9170, 57.5058

Rectangle

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



41.9520, 38.9170, 32.9044



37.2981, 38.9170, 27.5157



32.4345, 38.9170, 53.5057



36.6825, 38.9170, 61.8008

Sweetspot

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



41.9530, 38.9188, 32.9052



86.8234, 88.5265, 90.8058



44.7628, 37.4445, 55.7113



18.2717, 18.5116, 18.7544



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.



41.9530, 38.9188, 32.9052



66.1106, 59.2630, 46.4077



47.1051, 49.2230, 34.6226



11.3717, 11.5324, 11.7061



16.1280, 8.9889, 0.8850



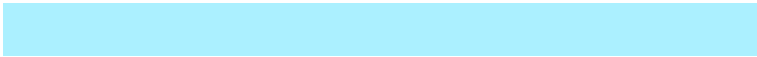
0.8827, 0.5652, 0.0626

Inverse Universe

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



41.8815, 48.6533, 63.6837



65.9624, 78.1620, 106.2179



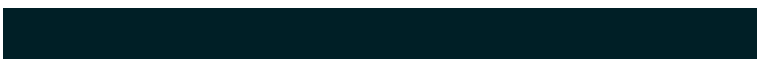
36.3882, 37.6667, 61.8526



11.3662, 12.3728, 14.3595



15.6839, 20.3918, 39.0657



0.8548, 1.1435, 2.0306

Previews

White Background



This preview shows how the XYZ color 41.9520, 38.9170, 32.9044 looks on a white background.

Color Contrast Check

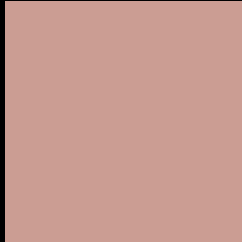
Large Text (above 18pt) WCAG AA × Fail

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 41.9520, 38.9170, 32.9044 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 41.9520, 38.9170, 32.9044

Background



This preview shows how black text looks on a background with the XYZ color 41.9520, 38.9170, 32.9044.



This preview shows how white text looks on a background with the XYZ color 41.9520, 38.9170,

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

41.9520, 38.9170, 32.9044

Protanopia

36.9418, 38.9031, 35.2678

Deuteranopia

39.8469, 39.1225, 32.6454



Tritanopia

43.6154, 38.8435, 41.2752

Trichromacy



Original Color

41.9520, 38.9170, 32.9044

Protanomaly

38.6098, 38.7107, 34.2911

Deuteranomaly

40.5241, 38.9527, 32.5769

Tritanomaly

42.8812, 38.7833, 38.0267

Monochromacy



Original Color

41.9520, 38.9170, 32.9044

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.2681, 39.4640, 39.7301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9520, 38.9170, 32.9044 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, 157, 147)` looks like.

```
.text, #text, p{  
    color:rgb(203, 157, 147)  
}
```

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, 157, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 157, 147) }
```

Border

The CSS property to change the border of an element to XYZ 41.9520, 38.9170, 32.9044 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, 157, 147) }
```


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

```
.border{ border-color:rgb(203, 157, 147) }
```

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

Here you see how a box with a 4 pixel rgb(203, 157, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 157, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 157, 147);  
box-shadow:4px 4px 4px 4px rgb(203, 157,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9520, 38.9170, 32.9044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 157, 147) }
```

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

```
.background{ background-color: rgb(203,  
157, 147) }
```

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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