

Converting Colors

XYZ(42.2076, 42.0872, 41.1483)

Have a look what the booklet for
XYZ(42.2076, 42.0872, 41.1483)
contains.

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Color

**XYZ(42.1240, 42.0034,
41.0093)**

Conversions

Conversions Part 1

Format	Color
Hex	BEA9A4
RGB	190, 169, 164
RGB Percent	75%, 66%, 64%
CMY	0.2549, 0.3372, 0.3569
CMYK	0.00, 0.11, 0.14, 0.25
HSL	12°, 17%, 69%
HSV	12°, 14%, 75%
XYZ	42.1240, 42.0034, 41.0093
YIQ	174.7090, 14.1210, 2.8970

Conversions

Conversions Part 2

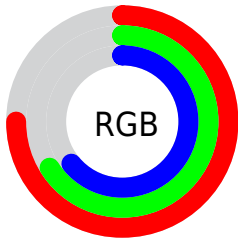
Format	Color
R_{YB}	190, 170, 164
Decimal	12495268
CIE _{Lab}	70.87, 6.76, 5.35
CIE _{LCh}	71, 8.618, 38.349
Yxy	42.0034, 0.3366, 0.3357
Android (android.graphics.Color)	4290685348 (0xFFBEA9A4)
YUV	174.7090, -5.2795, 13.4102
Hunter-Lab	64.8100, 2.6005, 7.8506

Details

The XYZ color **42.1240, 42.0034, 41.0093** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.9529, 46.3072, 55.4426**, and the grayscale version is **40.6194, 42.7348, 46.5382**.

A 20% lighter version of the original color is **77.4479, 78.0186, 77.9950**, and **19.4393, 19.1267, 17.9965** is the 20% darker color. If you saturate the color by 10%, you get **37.8460, 35.9910, 31.7408**, and if you desaturate by 10%, it is **46.9957, 48.7921, 51.7414**.

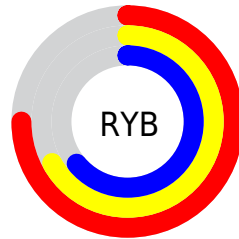
Distribution



Red (75%)

Green (66%)

Blue (64%)



Red (75%)

Yellow (67%)

Blue (64%)

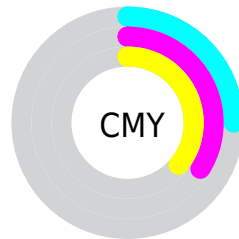


Cyan (0%)

Magenta (11%)

Yellow (14%)

Black (25%)



Cyan (25%)


Magenta (34%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.1240, 42.0034, 41.0093 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 42.1240, 42.0034, 41.0093 by changing the saturation by 10% instead.

 42.1240, 42.0034,
41.0093


 42.1240, 42.0034,
41.0093


345.9796,
354.4970, 366.0373

 29.3899, 29.1040,
28.0066

 77.6512, 78.2048,
77.9518

 19.5218, 19.1595,
18.0915

 101.1751,
102.2755, 102.7287

 12.1541, 11.7856,
10.8456


129.0263,
130.8387, 132.2675

 6.9217, 6.5978,
5.8503

161.5702,
164.2789, 166.9866

 3.4591, 3.2119,
2.6869

199.1721,
202.9805, 207.3045

 1.4009, 1.2433,
0.9368

242.1974,

 0.2569, 0.0967,

247.3277, 253.6400

0.0000

291.0115,
297.7051, 306.4114

■ 0.0000, 0.0000,
0.0000

■ 42.1240, 42.0034,
41.0093

■ 42.1240, 42.0034,
41.0093

■ 37.8460, 35.9910,
31.7408

■ 46.9957, 48.7921,
51.7414

■ 34.1354, 30.7217,
23.8698

■ 52.4792, 56.3776,
63.9941

■ 30.9689, 26.1681,
17.3289

■ 58.5963, 64.7869,
77.8245

■ 28.3205, 22.2990,
12.0442

■ 65.3663, 74.0437,
93.2860

■ 26.1615, 19.0809,
7.9345

■ 72.1570, 83.9105,
107.0010

■ 24.4610, 16.4772,
4.9089

■ 75.0454, 89.6872,
107.9638

■ 23.1836, 14.4479,
2.8632

■ 22.2887, 12.9477,
1.6723

■ 21.8834, 12.2434,
1.2098

Harmonies

Analogous

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



42.7128, 42.0034, 44.5979



42.1240, 42.0034, 41.0093



40.9487, 42.0034, 38.7826

Triad

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



42.1240, 42.0034, 41.0093



37.4154, 42.0034, 42.8833



40.3245, 42.0034, 53.9984

Complementary

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



42.1240, 42.0034, 41.0093



41.9529, 46.3072, 55.4426

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.



38.9146, 42.0034, 53.4714



42.1240, 42.0034, 41.0093



37.2573, 42.0034, 46.8904

Square

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



42.1240, 42.0034, 41.0093



38.2370, 42.0034, 39.8186



37.8000, 42.0034, 50.8095



41.6578, 42.0034, 52.2093

Rectangle

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



42.1240, 42.0034, 41.0093



40.0025, 42.0034, 38.2886



37.8000, 42.0034, 50.8095



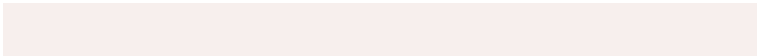
39.8436, 42.0034, 54.0882

Sweetspot

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



42.1252, 42.0053, 41.0102



84.8061, 87.9230, 92.9716



43.2928, 41.0113, 51.6628



18.4671, 19.0910, 20.0708



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.



42.1252, 42.0053, 41.0102



74.2386, 73.1805, 69.7413



44.6167, 46.9884, 41.8407



9.6748, 9.8256, 9.9632



14.5953, 8.2294, 0.8192



0.6170, 0.4130, 0.0472

Inverse Universe

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



41.9529, 46.3072, 55.4426



73.8734, 82.2779, 100.2668



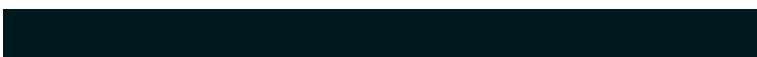
39.4016, 41.2048, 54.5922



9.6483, 10.4890, 12.1883



13.8571, 17.8259, 35.1033



0.5836, 0.7798, 1.3886

Previews

White Background



This preview shows how the XYZ color 42.1240, 42.0034, 41.0093 looks on a white background.

Color Contrast Check

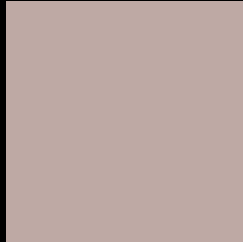
Large Text (above 18pt) WCAG AA × Fail

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 42.1240, 42.0034, 41.0093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

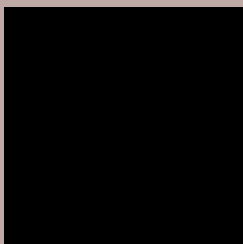
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

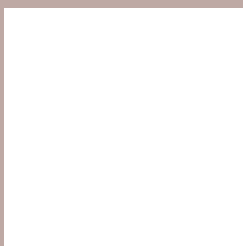
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.1240, 42.0034, 41.0093

Background



This preview shows how black text looks on a background with the XYZ color 42.1240, 42.0034, 41.0093.



This preview shows how white text looks on a background with the XYZ color 42.1240, 42.0034,

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

42.1240, 42.0034, 41.0093

Protanopia

40.1866, 42.1053, 42.0855

Deuteranopia

42.9516, 42.1549, 40.9949



Tritanopia

43.7952, 42.1392, 49.0054

Trichromacy



Original Color

42.1240, 42.0034, 41.0093

Protanomaly

40.8355, 42.1667, 41.5840

Deuteranomaly

42.6958, 42.0231, 40.9829

Tritanomaly

43.1285, 42.1376, 45.9047

Monochromacy



Original Color

42.1240, 42.0034, 41.0093

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.1166, 42.5307, 44.5702

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1240, 42.0034, 41.0093 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(190, 169, 164)` looks like.

```
.text, #text, p{  
    color:rgb(190, 169, 164)  
}
```

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(190, 169, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 169, 164) }
```

Border

The CSS property to change the border of an element to XYZ 42.1240, 42.0034, 41.0093 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(190, 169, 164) }
```


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

```
.border{ border-color:rgb(190, 169, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 169, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 169, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 169, 164);  
box-shadow:4px 4px 4px 4px rgb(190, 169,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1240, 42.0034, 41.0093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 169, 164) }
```

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

```
.background{ background-color: rgb(190,  
169, 164) }
```

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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