

Converting Colors

XYZ(42.6113, 42.5576, 32.3985)

Have a look what the booklet for
XYZ(42.6113, 42.5576, 32.3985)
contains.

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Color

**XYZ(42.5107, 42.3953,
32.3281)**

Conversions

Conversions Part 1

Format	Color
Hex	C6A990
RGB	198, 169, 144
RGB Percent	78%, 66%, 56%
CMY	0.2235, 0.3372, 0.4353
CMYK	0.00, 0.15, 0.27, 0.22
HSL	28°, 32%, 67%
HSV	28°, 27%, 78%
XYZ	42.5107, 42.3953, 32.3281
YIQ	174.8210, 25.3090, -1.6270

Conversions

Conversions Part 2

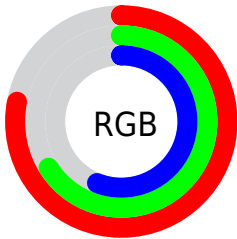
Format	Color
R_{YB}	198, 191, 144
Decimal	13019536
CIE _{Lab}	71.14, 6.76, 16.82
CIE _{LCh}	71, 18.129, 68.104
Yxy	42.3953, 0.3626, 0.3616
Android (android.graphics.Color)	4291209616 (0xFFC6A990)
YUV	174.8210, -15.1948, 20.3280
Hunter-Lab	65.1117, 2.5953, 16.1405

Details

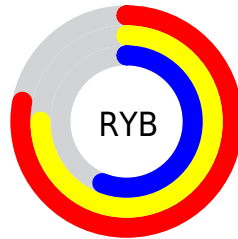
The XYZ color **42.5107, 42.3953, 32.3281** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.6378, 39.8925, 59.1953**, and the grayscale version is **40.7228, 42.8436, 46.6566**.

A 20% lighter version of the original color is **78.0887, 78.6485, 64.4910**, and **19.7094, 19.3704, 13.2897** is the 20% darker color. If you saturate the color by 10%, you get **39.2302, 38.0473, 24.4118**, and if you desaturate by 10%, it is **46.2197, 47.1750, 41.6976**.

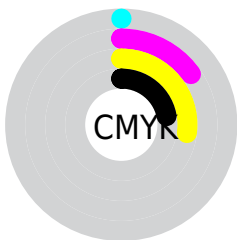
Distribution



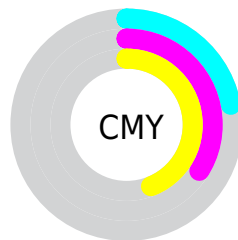
- Red (78%)
- Green (66%)
- Blue (56%)



- Red (78%)
- Yellow (75%)
- Blue (56%)



- Cyan (0%)
- Magenta (15%)
- Yellow (27%)
- Black (22%)





- Cyan (22%)
- Magenta (34%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.5107, 42.3953, 32.3281 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 42.5107, 42.3953, 32.3281 by changing the saturation by 10% instead.


 42.5107, 42.3953,
32.3281

 42.5107, 42.3953,
32.3281


347.5514,
356.1190, 327.1498

 29.6942, 29.4109,
21.3453


 78.2323, 78.7975,
64.4290

 19.7535, 19.3919,
13.1830


 101.8681,
102.9842, 86.3841

 12.3232, 11.9538,
7.4225


129.8412,
131.6738, 112.8339

 7.0380, 6.7122,
3.6453

162.5167,
165.2507, 144.1967

 3.5324, 3.2828,
1.4328

200.2602,
204.0992, 180.8912

 1.4412, 1.2811,
0.1671

243.4368,

 0.2853, 0.1265,

248.6039, 223.3358

0.0000

292.4121,
299.1490, 271.9492

■ 0.0000, 0.0000,
0.0000

■ 42.5107, 42.3953,
32.3281

■ 42.5107, 42.3953,
32.3281

■ 39.2302, 38.0473,
24.4118

■ 46.2197, 47.1750,
41.6976

■ 36.3573, 34.1122,
17.8719

■ 50.3705, 52.3932,
52.5867

■ 33.8739, 30.5778,
12.6283

■ 54.9796, 58.0637,
65.0607

■ 31.7592, 27.4293,
8.5914

■ 60.0620, 64.1979,
79.1804

■ 29.9901, 24.6505,
5.6601

■ 65.6316, 70.8068,
95.0031

■ 28.5398, 22.2236,
3.7165

■ 70.4200, 77.3882,
105.8336

■ 27.3730, 20.1270,
2.5973

■ 73.5176, 83.5834,
106.8662

■ 27.0884, 19.6051,
2.3564

■ 76.7995, 90.1473,
107.9602

■ 77.0988, 90.7458,
108.0599

Harmonies

Analogous

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



45.0632, 42.3953, 36.5987



42.5107, 42.3953, 32.3281



39.4786, 42.3953, 31.5160

Triad

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



42.5107, 42.3953, 32.3281



34.7908, 42.3953, 48.5571



44.0042, 42.3953, 60.5979

Complementary

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



42.5107, 42.3953, 32.3281



36.6378, 39.8925, 59.1953

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.



41.1235, 42.3953, 64.7588



42.5107, 42.3953, 32.3281



35.8765, 42.3953, 57.2594

Square

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



42.5107, 42.3953, 32.3281



35.1207, 42.3953, 40.2060



38.1585, 42.3953, 63.4660



45.9551, 42.3953, 52.6773

Rectangle

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



42.5107, 42.3953, 32.3281



37.6090, 42.3953, 32.9349



38.1585, 42.3953, 63.4660



43.1069, 42.3953, 62.5252

Sweetspot

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



42.5118, 42.3972, 32.3290



88.5422, 91.9641, 91.3788



40.8731, 34.9971, 44.4925



18.7026, 19.3733, 18.8980



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.



42.5118, 42.3972, 32.3290



71.5773, 70.1963, 48.2299



47.9054, 53.1844, 34.1268



11.0318, 11.4328, 11.1881



17.7000, 12.9172, 1.5604



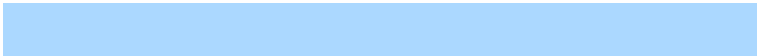
0.9104, 0.7562, 0.0980

Inverse Universe

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



36.6378, 39.8925, 59.1953



59.3768, 64.9909, 104.0227



32.0822, 30.7813, 57.6767



10.5204, 11.2149, 13.5277



10.0884, 9.5707, 36.0600



0.5496, 0.5971, 1.7314

Previews

White Background



This preview shows how the XYZ color 42.5107, 42.3953, 32.3281 looks on a white background.

Color Contrast Check

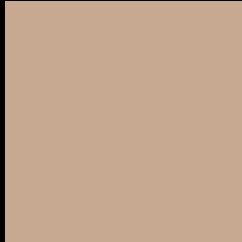
Large Text (above 18pt) WCAG AA × Fail

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 42.5107, 42.3953, 32.3281 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

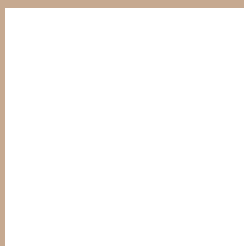
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.5107, 42.3953, 32.3281

Background



This preview shows how black text looks on a background with the XYZ color 42.5107, 42.3953, 32.3281.



This preview shows how white text looks on a background with the XYZ color 42.5107, 42.3953,

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

42.5107, 42.3953, 32.3281

Protanopia

40.0915, 42.5378, 33.2917

Deuteranopia

43.3938, 42.5754, 32.3163



Tritanopia

45.5684, 42.2818, 47.3545

Trichromacy



Original Color

42.5107, 42.3953, 32.3281

Protanomaly

40.8496, 42.3682, 32.8129

Deuteranomaly

43.1241, 42.4364, 32.3037

Tritanomaly

44.5151, 42.4066, 41.4364

Monochromacy



Original Color

42.5107, 42.3953, 32.3281

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.1728, 42.6348, 41.1812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5107, 42.3953, 32.3281 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, 169, 144)` looks like.

```
.text, #text, p{  
    color:rgb(198, 169, 144)  
}
```

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, 169, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 169, 144) }
```

Border

The CSS property to change the border of an element to XYZ 42.5107, 42.3953, 32.3281 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, 169, 144) }
```


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

```
.border{ border-color:rgb(198, 169, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 169, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 169, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 169, 144);  
box-shadow:4px 4px 4px 4px rgb(198, 169,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5107, 42.3953, 32.3281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 169, 144) }
```

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

```
.background{ background-color: rgb(198,  
169, 144) }
```

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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