

Converting Colors

XYZ(42.3713, 43.3301, 28.5390)

Have a look what the booklet for
XYZ(42.3713, 43.3301, 28.5390)
contains.

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Color

**XYZ(42.3443, 43.2320,
28.6671)**

Conversions

Conversions Part 1

Format	Color
Hex	C6AC86
RGB	198, 172, 134
RGB Percent	78%, 67%, 53%
CMY	0.2235, 0.3255, 0.4745
CMYK	0.00, 0.13, 0.32, 0.22
HSL	36°, 36%, 65%
HSV	36°, 32%, 78%
XYZ	42.3443, 43.2320, 28.6671
YIQ	175.4420, 27.6940, -6.3060

Conversions

Conversions Part 2

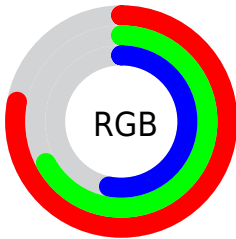
Format	Color
RYB	178, 198, 134
Decimal	13020294
CIELab	71.71, 3.81, 23.04
CIELCh	72, 23.355, 80.620
Yxy	43.2320, 0.3706, 0.3784
Android (android.graphics.Color)	4291210374 (0xFFC6AC86)
YUV	175.4420, -20.4309, 19.7834
Hunter-Lab	65.7510, -0.1086, 20.1756

Details

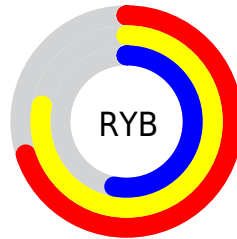
The XYZ color **42.3443, 43.2320, 28.6671** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **32.5951, 34.2862, 58.3262**, and the grayscale version is **41.0702, 43.2090, 47.0546**.

A 20% lighter version of the original color is **77.6787, 79.7860, 58.3198**, and **19.6444, 19.9127, 11.1957** is the 20% darker color. If you saturate the color by 10%, you get **39.6063, 39.7628, 21.5673**, and if you desaturate by 10%, it is **45.4358, 46.9939, 37.1613**.

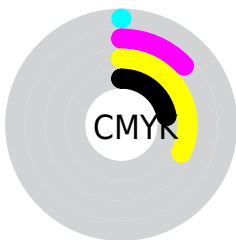
Distribution



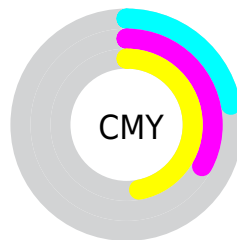
- Red (78%)
- Green (67%)
- Blue (53%)



- Red (70%)
- Yellow (78%)
- Blue (53%)



- Cyan (0%)
- Magenta (13%)
- Yellow (32%)
- Black (22%)





- Cyan (22%)
- Magenta (33%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.3443, 43.2320, 28.6671 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 42.3443, 43.2320, 28.6671 by changing the saturation by 10% instead.


 42.3443, 43.2320,
28.6671


 42.3443, 43.2320,
28.6671


346.8756,
359.5650, 309.6526


 29.5633, 30.0672,
18.5857


 77.9823, 80.0608,
58.5836

 19.6538, 19.8896,
11.1975

 101.5701,
104.4937, 79.2558

 12.2504, 12.3148,
6.0840


 129.4907,
133.4513, 104.2954

 6.9879, 6.9585,
2.8266

162.1097,
167.3181, 134.1209

 3.5008, 3.4361,
1.0068

199.7923,
206.4784, 169.1508

 1.4238, 1.3634,
0.0000

242.9039,

 0.2731, 0.1895,

251.3168, 209.8037

0.0000

291.8099,
302.2175, 256.4981

■ 0.0000, 0.0000,
0.0000

■ 42.3443, 43.2320,
28.6671

■ 42.3443, 43.2320,
28.6671

■ 39.6063, 39.7628,
21.5673

■ 45.4358, 46.9939,
37.1613

■ 37.2023, 36.5713,
15.7826

■ 48.8924, 51.0511,
47.1180

■ 35.1159, 33.6497,
11.2296


■ 52.7291, 55.4136,
58.6041


■ 33.3276, 30.9877,
7.8142


■ 56.9591, 60.0890,
71.6814


■ 31.8153, 28.5735,
5.4286


■ 61.5948, 65.0848,
86.4083


 30.5528, 26.3936,
3.9437

 66.6482, 70.4079,
102.8403

 29.7173, 24.8629,
3.2327

 69.1654, 74.8791,
105.4154

 71.4336, 79.4154,
106.1715

 73.8061, 84.1604,
106.9623

Harmonies

Analogous

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



46.1139, 43.2320, 32.1472



42.3443, 43.2320, 28.6671



38.4668, 43.2320, 29.4688

Triad

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



42.3443, 43.2320, 28.6671



34.3677, 43.2320, 55.1782



47.2624, 43.2320, 62.3090

Complementary

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



42.3443, 43.2320, 28.6671



32.5951, 34.2862, 58.3262

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.



43.8313, 43.2320, 70.5764



42.3443, 43.2320, 28.6671



36.4462, 43.2320, 66.0220

Square

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



42.3443, 43.2320, 28.6671



34.0261, 43.2320, 43.6067



39.8621, 43.2320, 72.0347



49.0711, 43.2320, 50.7168

Rectangle

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



42.3443, 43.2320, 28.6671



36.3297, 43.2320, 32.3832



39.8621, 43.2320, 72.0347



46.2505, 43.2320, 65.6423

Sweetspot

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



42.3454, 43.2340, 28.6680



87.9971, 92.0337, 87.6216



38.2178, 31.6179, 37.6533



18.6349, 19.4690, 18.1634



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.



42.3454, 43.2340, 28.6680



71.4026, 72.0450, 41.3958



46.4048, 53.4033, 30.4169



11.1486, 11.6664, 11.2270



19.4117, 16.3405, 2.1309



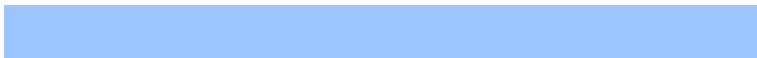
0.9890, 0.9134, 0.1242

Inverse Universe

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



32.5951, 34.2862, 58.3262



51.4009, 53.6982, 102.2634



29.4218, 26.6457, 57.0186



10.4045, 10.9830, 13.4891



8.5940, 6.5819, 35.5618



0.4777, 0.4533, 1.7075

Previews

White Background



This preview shows how the XYZ color 42.3443, 43.2320, 28.6671 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 42.3443, 43.2320, 28.6671 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 42.3443, 43.2320, 28.6671

Background



This preview shows how black text looks on a background with the XYZ color 42.3443, 43.2320, 28.6671.



This preview shows how white text looks on a background with the XYZ color 42.3443, 43.2320,

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

42.3443, 43.2320, 28.6671

Protanopia

40.7083, 43.5196, 29.5471

Deuteranopia

44.0147, 43.2470, 28.9494



Tritanopia

46.4015, 43.2236, 48.5452

Trichromacy



Original Color

42.3443, 43.2320, 28.6671

Protanomaly

41.4414, 43.6157, 29.1561

Deuteranomaly

43.3765, 43.1952, 28.9730

Tritanomaly

44.7009, 43.0671, 40.6071

Monochromacy



Original Color

42.3443, 43.2320, 28.6671

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.0097, 42.8774, 39.3724

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3443, 43.2320, 28.6671 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, 172, 134)` looks like.

```
.text, #text, p{  
    color:rgb(198, 172, 134)  
}
```

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, 172, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 172, 134) }
```

Border

The CSS property to change the border of an element to XYZ 42.3443, 43.2320, 28.6671 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, 172, 134) }
```


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

```
.border{ border-color:rgb(198, 172, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 172, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 172, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 172, 134);  
box-shadow:4px 4px 4px 4px rgb(198, 172,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3443, 43.2320, 28.6671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 172, 134) }
```

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

```
.background{ background-color: rgb(198,  
172, 134) }
```

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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