

Converting Colors

XYZ(43.5224, 42.2523, 18.6476)

Have a look what the booklet for
XYZ(43.5224, 42.2523, 18.6476)
contains.

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Color

**XYZ(43.3439, 42.0357,
18.6612)**

Conversions

Conversions Part 1

Format	Color
Hex	D5A567
RGB	213, 165, 103
RGB Percent	84%, 65%, 40%
CMY	0.1647, 0.3529, 0.5961
CMYK	0.00, 0.23, 0.52, 0.16
HSL	34°, 57%, 62%
HSV	34°, 52%, 84%
XYZ	43.3439, 42.0357, 18.6612
YIQ	172.2840, 48.5100, -9.1060

Conversions

Conversions Part 2

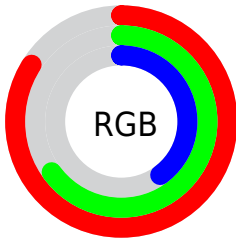
Format	Color
R_{YB}	188, 213, 103
Decimal	14001511
CIE _{Lab}	70.90, 10.31, 38.73
CIE _{LCh}	71, 40.074, 75.095
Yxy	42.0357, 0.4166, 0.4040
Android (android.graphics.Color)	4292191591 (0xFFD5A567)
YUV	172.2840, -34.1570, 35.7079
Hunter-Lab	64.8349, 5.8709, 28.3192

Details

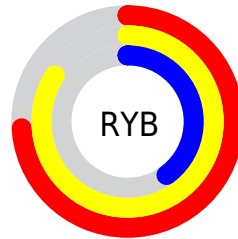
The XYZ color **43.3439, 42.0357, 18.6612** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **28.6699, 29.8196, 67.1953**, and the grayscale version is **39.5080, 41.5655, 45.2648**.

A 20% lighter version of the original color is **72.7496, 74.8130, 41.6164**, and **20.2813, 19.1445, 6.1163** is the 20% darker color. If you saturate the color by 10%, you get **40.7924, 38.4312, 13.1913**, and if you desaturate by 10%, it is **46.2916, 45.9968, 25.6075**.

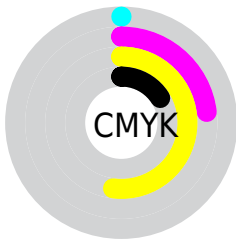
Distribution



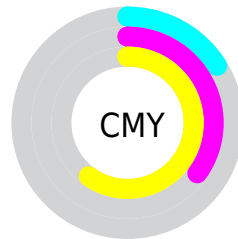
- Red (84%)
- Green (65%)
- Blue (40%)



- Red (74%)
- Yellow (84%)
- Blue (40%)



- Cyan (0%)
- Magenta (23%)
- Yellow (52%)
- Black (16%)





- Cyan (16%)
- Magenta (35%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.3439, 42.0357, 18.6612 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 43.3439, 42.0357, 18.6612 by changing the saturation by 10% instead.

 43.3439, 42.0357,
18.6612


 43.3439, 42.0357,
18.6612


350.9217,
354.6309, 256.9321


 30.3507, 29.1292,
11.2514


 79.4820, 78.2537,
41.9899


 20.2543, 19.1786,
6.1199


 103.3577,
102.3339, 58.7458

 12.6894, 11.7994,
2.8482


 131.5916,
130.9076, 79.4542

 7.2905, 6.6072,
1.0176

 164.5491,
164.3591, 104.5336

 3.6924, 3.2177,
0.0000

202.5955,
203.0728, 134.4026

 1.5296, 1.2464,
0.0000

246.0961,

 0.3459, 0.0991,

247.4331, 169.4796

0.0000

295.4164,
297.8243, 210.1832

■ 0.0000, 0.0000,
0.0000

■ 43.3439, 42.0357,
18.6612

■ 43.3439, 42.0357,
18.6612

■ 40.7924, 38.4312,
13.1913

■ 46.2916, 45.9968,
25.6075

■ 38.6103, 35.1637,
9.0832

■ 49.6539, 50.3211,
34.1279

■ 36.7718, 32.2202,
6.2094

■ 53.4513, 55.0222,
44.3148

■ 35.2453, 29.5835,
4.4164

■ 57.7021, 60.1112,
56.2525

■ 34.1647, 27.5945,
3.5256

■ 62.4234, 65.5986,
70.0195

■ 67.6312, 71.4943,
85.6898

■ 73.3409, 77.8081,
103.3329

■ 76.4607, 83.3066,
106.6576

■ 79.2573, 88.8998,
107.5898

Harmonies

Analogous

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



49.7078, 42.0357, 24.3732



43.3439, 42.0357, 18.6612



36.7061, 42.0357, 18.6786

Triad

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



43.3439, 42.0357, 18.6612



28.8068, 42.0357, 56.0163



49.7426, 42.0357, 76.9011

Complementary

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



43.3439, 42.0357, 18.6612



28.6699, 29.8196, 67.1953

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.



43.3873, 42.0357, 91.1767



43.3439, 42.0357, 18.6612



31.5671, 42.0357, 77.0231

Square

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



43.3439, 42.0357, 18.6612



28.7980, 42.0357, 36.9578



36.7450, 42.0357, 91.2266



53.6720, 42.0357, 55.8816

Rectangle

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



43.3439, 42.0357, 18.6612



33.0247, 42.0357, 21.8159



36.7450, 42.0357, 91.2266



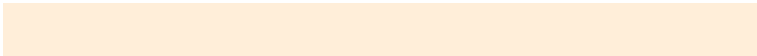
47.7897, 42.0357, 82.8771

Sweetspot

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



43.3449, 42.0377, 18.6620



84.3970, 87.5870, 77.9331



37.9995, 26.1304, 32.9622



17.7719, 18.3975, 15.8580



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.



43.3449, 42.0377, 18.6620



60.9558, 57.2467, 19.1218



52.1144, 61.9051, 22.0346



12.9982, 13.5706, 13.0950



20.9727, 17.0626, 2.1880



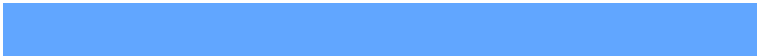
1.3467, 1.1926, 0.1592

Inverse Universe

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



28.6699, 29.8196, 67.1953



36.5839, 36.9854, 99.8185



23.1062, 17.7247, 65.1539



12.1839, 12.8912, 15.7836



9.8217, 7.9052, 39.4613



0.6739, 0.6398, 2.4073

Previews

White Background



This preview shows how the XYZ color 43.3439, 42.0357, 18.6612 looks on a white background.

Color Contrast Check

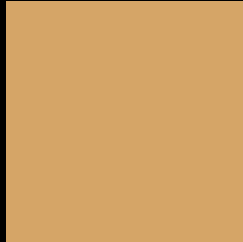
Large Text (above 18pt) WCAG AA × Fail

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 43.3439, 42.0357, 18.6612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

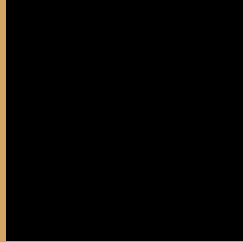
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.3439, 42.0357, 18.6612

Background



This preview shows how black text looks on a background with the XYZ color 43.3439, 42.0357, 18.6612.



This preview shows how white text looks on a background with the XYZ color 43.3439, 42.0357,

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

43.3439, 42.0357, 18.6612

Protanopia

38.9728, 42.2599, 19.7386

Deuteranopia

42.9484, 42.1006, 18.6946



Tritanopia

48.4318, 42.0386, 43.0977

Trichromacy



Original Color

43.3439, 42.0357, 18.6612

Protanomaly

40.4014, 42.1515, 19.3713

Deuteranomaly

43.2358, 42.2488, 18.7080

Tritanomaly

46.2969, 41.9377, 32.4427

Monochromacy



Original Color

43.3439, 42.0357, 18.6612

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.9479, 41.0473, 33.4212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3439, 42.0357, 18.6612 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(213, 165, 103)` looks like.

```
.text, #text, p{  
    color:rgb(213, 165, 103)  
}
```

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(213, 165, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 165, 103) }
```

Border

The CSS property to change the border of an element to XYZ 43.3439, 42.0357, 18.6612 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(213, 165, 103) }
```


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

```
.border{ border-color:rgb(213, 165, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 165, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 165, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 165, 103);  
box-shadow:4px 4px 4px 4px rgb(213, 165,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3439, 42.0357, 18.6612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 165, 103) }
```

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

```
.background{ background-color: rgb(213,  
165, 103) }
```

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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