

Converting Colors

XYZ(39.4032, 42.5788, 15.3743)

Have a look what the booklet for
XYZ(39.4032, 42.5788, 15.3743)
contains.

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Color

**XYZ(39.4032, 42.5788,
15.3743)**

Conversions

Conversions Part 1

Format	Color
Hex	C3AE58
RGB	195, 174, 88
RGB Percent	76%, 68%, 35%
CMY	0.2353, 0.3176, 0.6549
CMYK	0.00, 0.11, 0.55, 0.24
HSL	48°, 47%, 55%
HSV	48°, 55%, 76%
XYZ	39.4032, 42.5788, 15.3743
YIQ	170.4750, 40.1220, -22.2940

Conversions

Conversions Part 2

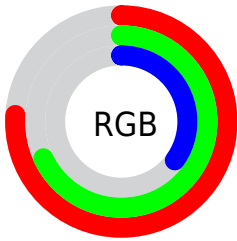
Format	Color
RYB	114, 195, 88
Decimal	12824152
CIELab	71.27, -3.33, 46.32
CIELCh	71, 46.436, 94.118
Yxy	42.5788, 0.4047, 0.4374
Android (android.graphics.Color)	4291014232 (0xFFC3AE58)
YUV	170.4750, -40.6602, 21.5084
Hunter-Lab	65.2524, -6.4031, 31.7072

Details

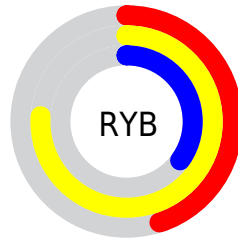
The XYZ color **39.4032, 42.5788, 15.3743** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **19.3434, 16.9516, 53.8821**, and the grayscale version is **38.6295, 40.6413, 44.2584**.

A 20% lighter version of the original color is **73.6260, 79.0029, 36.1795**, and **17.9409, 19.5416, 4.5766** is the 20% darker color. If you saturate the color by 10%, you get **37.9727, 40.8422, 11.4316**, and if you desaturate by 10%, it is **41.0728, 44.4479, 20.4635**.

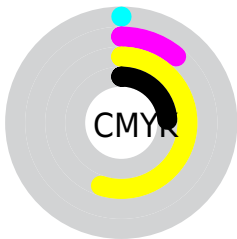
Distribution



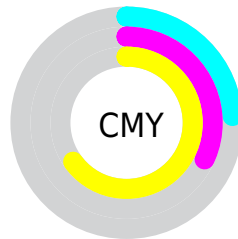
- Red (76%)
- Green (68%)
- Blue (35%)



- Red (45%)
- Yellow (76%)
- Blue (35%)



- Cyan (0%)
- Magenta (11%)
- Yellow (55%)
- Black (24%)



- Cyan (24%)
- Magenta (32%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.4032, 42.5788, 15.3743 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 39.4032, 42.5788, 15.3743 by changing the saturation by 10% instead.

■ 39.4032, 42.5788,
15.3743

■ 39.4032, 42.5788,
15.3743

334.7794,
356.8767, 237.3390

■ 27.2557, 29.5548,
8.9330

■ 73.5440, 79.0749,
36.2600

■ 17.9029, 19.5009,
4.6013

■ 96.2680, 103.3157,
51.5415

■ 10.9796, 12.0328,
1.9607

■ 123.2482,
132.0643, 70.6068

■ 6.1203, 6.7660,
0.5309

■ 154.8499,
165.7049, 93.8744

■ 2.9597, 3.3162,
0.0000

191.4385,
204.6221, 121.7629

■ 1.1325, 1.2990,
0.0000

233.3794,

■ 0.0520, 0.1404,

249.2002, 154.6908

0.0000

281.0379,
299.8236, 193.0767

■ 0.0000, 0.0000,
0.0000

■ 39.4032, 42.5788,
15.3743

■ 39.4032, 42.5788,
15.3743

■ 37.9727, 40.8422,
11.4316

■ 41.0728, 44.4479,
20.4635

■ 36.7605, 39.2247,
8.5397

■ 42.9944, 46.4502,
26.7793

■ 35.7469, 37.7199,
6.5919

■ 45.1834, 48.5938,
34.3976

■ 34.9071, 36.3174,
5.4574

■ 47.6531, 50.8840,
43.3876

■ 34.5182, 35.6274,
5.0575

■ 50.4158, 53.3263,
53.8133

■ 53.4830, 55.9254,
65.7349

■ 56.8658, 58.6859,
79.2091

■ 60.5744, 61.6124,
94.2895

■ 63.2191, 64.1491,
103.6578

Harmonies

Analogous

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



47.3714, 42.5788, 17.4729



39.4032, 42.5788, 15.3743



32.6319, 42.5788, 19.1309

Triad

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



39.4032, 42.5788, 15.3743



29.2864, 42.5788, 74.8453



55.5076, 42.5788, 67.7365

Complementary

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



39.4032, 42.5788, 15.3743



19.3434, 16.9516, 53.8821

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.



49.4721, 42.5788, 91.7510



39.4032, 42.5788, 15.3743



34.2735, 42.5788, 96.6956

Square

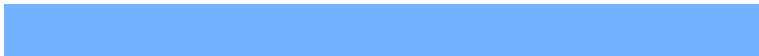
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



39.4032, 42.5788, 15.3743



27.2857, 42.5788, 49.5120



41.5556, 42.5788, 103.7064



57.3355, 42.5788, 43.3468

Rectangle

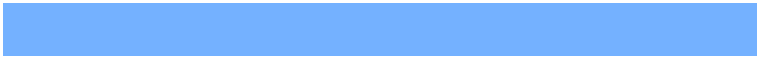
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.4032, 42.5788, 15.3743



29.5004, 42.5788, 25.4786



41.5556, 42.5788, 103.7064



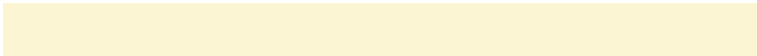
53.8686, 42.5788, 76.3457

Sweetspot

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



39.4042, 42.5808, 15.3752



84.7078, 90.5534, 75.3397



28.7775, 19.6947, 16.8664



18.3406, 19.6385, 15.7284



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.



39.4042, 42.5808, 15.3752



67.5106, 72.5078, 19.2061



36.3605, 47.5107, 16.4872



10.7401, 11.4116, 10.6985



22.4946, 23.2750, 3.3069



1.0159, 1.0935, 0.1575

Inverse Universe

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



19.3434, 16.9516, 53.8821



28.0050, 22.1084, 95.2611



21.1001, 14.9203, 53.3974



9.6848, 10.0609, 12.7163



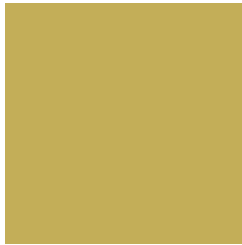
6.9059, 3.5683, 33.8814



0.3472, 0.2519, 1.4802

Previews

White Background



This preview shows how the XYZ color 39.4032, 42.5788, 15.3743 looks on a white background.

Color Contrast Check

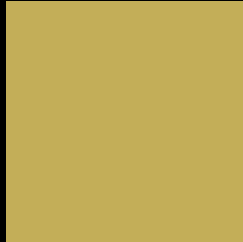
Large Text (above 18pt) WCAG AA × Fail

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 39.4032, 42.5788, 15.3743 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 39.4032, 42.5788, 15.3743

Background



This preview shows how black text looks on a background with the XYZ color 39.4032, 42.5788, 15.3743.

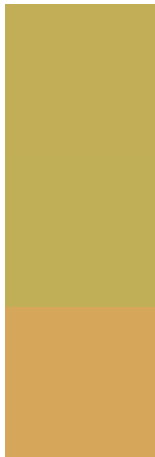


This preview shows how white text looks on a background with the XYZ color 39.4032, 42.5788,

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

39.4032, 42.5788, 15.3743

Protanopia

39.0837, 42.7020, 15.4149

Deuteranopia

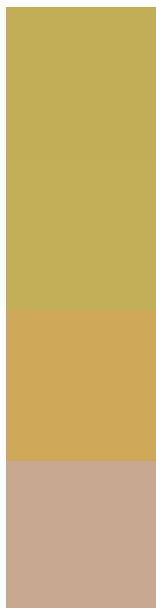
43.2132, 42.3068, 15.5613



Tritanopia

45.8399, 42.4218, 47.3672

Trichromacy



Original Color

39.4032, 42.5788, 15.3743

Protanomaly

39.3396, 42.8339, 15.4269

Deuteranomaly

41.7233, 42.3626, 15.4289

Tritanomaly

42.9329, 42.3290, 32.6956

Monochromacy



Original Color

39.4032, 42.5788, 15.3743

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.8869, 40.6030, 30.6512

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4032, 42.5788, 15.3743 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(195, 174, 88)` looks like.

```
.text, #text, p{  
    color:rgb(195, 174, 88)  
}
```

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(195, 174, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 174, 88) }
```

Border

The CSS property to change the border of an element to XYZ 39.4032, 42.5788, 15.3743 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(195, 174, 88) }
```


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

```
.border{ border-color:rgb(195, 174, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 174, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 174, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 174, 88);  
box-shadow:4px 4px 4px 4px rgb(195, 174,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4032, 42.5788, 15.3743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 174, 88) }
```

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

```
.background{ background-color: rgb(195,  
174, 88) }
```

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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