

Converting Colors

XYZ(42.6372, 49.2315, 25.6678)

Have a look what the booklet for
XYZ(42.6372, 49.2315, 25.6678)
contains.

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Color

**XYZ(42.6372, 49.2315,
25.6678)**

Conversions

Conversions Part 1

Format	Color
Hex	BBBF7A
RGB	187, 191, 122
RGB Percent	73%, 75%, 48%
CMY	0.2667, 0.2510, 0.5216
CMYK	0.02, 0.00, 0.36, 0.25
HSL	63°, 35%, 61%
HSV	63°, 36%, 75%
XYZ	42.6372, 49.2315, 25.6678
YIQ	181.9380, 19.7650, -22.3070

Conversions

Conversions Part 2

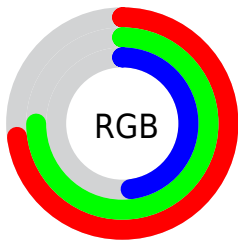
Format	Color
RYB	122, 191, 126
Decimal	12304250
CIELab	75.60, -12.05, 34.37
CIElCh	76, 36.425, 109.322
Yxy	49.2315, 0.3628, 0.4189
Android (android.graphics.Color)	4290494330 (0xFFBBBF7A)
YUV	181.9380, -29.5494, 4.4394
Hunter-Lab	70.1652, -14.3201, 27.4262

Details

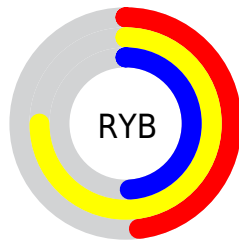
The XYZ color **42.6372, 49.2315, 25.6678** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **24.9695, 22.1175, 52.2461**, and the grayscale version is **44.5790, 46.9006, 51.0747**.

A 20% lighter version of the original color is **78.3069, 88.8498, 53.5799**, and **19.9310, 23.6314, 9.6417** is the 20% darker color. If you saturate the color by 10%, you get **41.2985, 48.6666, 20.0230**, and if you desaturate by 10%, it is **44.2131, 49.8950, 32.5398**.

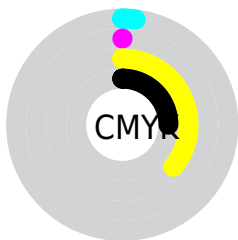
Distribution



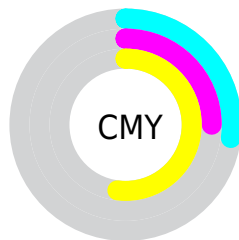
- Red (73%)
- Green (75%)
- Blue (48%)



- Red (48%)
- Yellow (75%)
- Blue (49%)



- Cyan (2%)
- Magenta (0%)
- Yellow (36%)
- Black (25%)



- Cyan (27%)
- Magenta (25%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.6372, 49.2315, 25.6678 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 42.6372, 49.2315, 25.6678 by changing the saturation by 10% instead.

■ 42.6372, 49.2315,
25.6678

■ 42.6372, 49.2315,
25.6678

348.0645,
383.6530, 294.7009

■ 29.7938, 34.8032,
16.3518

■ 78.4222, 89.0352,
53.7160

■ 19.8295, 23.5113,
9.6164

■ 102.0946,
115.1793, 73.2853

■ 12.3787, 14.9715,
5.0431

■ 130.1074,
145.9975, 97.1094

■ 7.0762, 8.7994,
2.2134

162.8259,
181.8741, 125.6068

■ 3.5565, 4.6106,
0.6821

200.6155,
223.1936, 159.1961

■ 1.4544, 2.0206,
0.0000

243.8416,

■ 0.2945, 0.6194,

270.3403, 198.2959

0.0000

292.8694,
323.6986, 243.3246

■ 0.0000, 0.0000,
0.0000

■ 42.6372, 49.2315,
25.6678

■ 42.6372, 49.2315,
25.6678

■ 41.2985, 48.6666,
20.0230

■ 44.2131, 49.8950,
32.5398

■ 40.1797, 48.1880,
15.5303

■ 46.0350, 50.6555,
40.7021

■ 39.2667, 47.7921,
12.1109


■ 48.1159, 51.5198,
50.2173


■ 38.5426, 47.4720,
9.6753


■ 50.4668, 52.4923,
61.1429


■ 37.9876, 47.2197,
8.1190


■ 53.0979, 53.5772,
73.5331


 37.5762, 47.0252,
7.3088

 56.0189, 54.7783,
87.4393

 37.4356, 46.9574,
7.0906

 59.1255, 56.0538,
102.3110

 59.4125, 56.2018,
102.3244

 59.7017, 56.3508,
102.3379

Harmonies

Analogous

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



49.2341, 49.2315, 24.7923



42.6372, 49.2315, 25.6678



37.6421, 49.2315, 32.8804

Triad

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



42.6372, 49.2315, 25.6678



38.8487, 49.2315, 86.9424



60.7091, 49.2315, 60.7754

Complementary

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



42.6372, 49.2315, 25.6678



24.9695, 22.1175, 52.2461

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.



57.3186, 49.2315, 81.5986



42.6372, 49.2315, 25.6678



44.4341, 49.2315, 98.9405

Square

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



42.6372, 49.2315, 25.6678



35.6043, 49.2315, 66.8381



51.2106, 49.2315, 96.7792



60.1101, 49.2315, 42.2446

Rectangle

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



42.6372, 49.2315, 25.6678



35.6917, 49.2315, 41.5447



51.2106, 49.2315, 96.7792



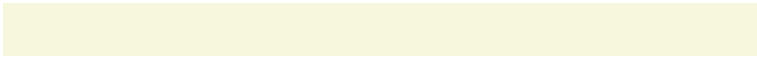
59.9863, 49.2315, 67.7983

Sweetspot

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



42.6384, 49.2337, 25.6688



84.2307, 91.4621, 81.0230



32.3911, 27.2642, 21.9684



18.3851, 20.0380, 17.2840



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.



42.6384, 49.2337, 25.6688



74.5111, 87.3906, 38.1361



35.2918, 45.4464, 25.3250



10.2661, 11.0916, 10.1764



24.6246, 30.8703, 4.6607



0.9813, 1.2179, 0.1833

Inverse Universe

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



24.9695, 22.1175, 52.2461



38.4276, 32.0017, 92.4307



30.8522, 25.1502, 52.5214



9.0664, 9.2511, 11.9800



6.2950, 2.5313, 32.5497



0.2643, 0.1083, 1.2758

Previews

White Background



This preview shows how the XYZ color 42.6372, 49.2315, 25.6678 looks on a white background.

Color Contrast Check

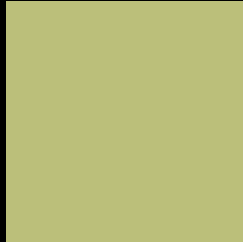
Large Text (above 18pt) WCAG AA × Fail

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 42.6372, 49.2315, 25.6678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

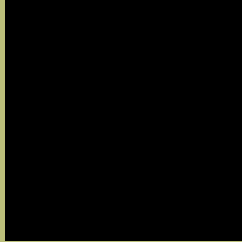
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.6372, 49.2315, 25.6678

Background



This preview shows how black text looks on a background with the XYZ color 42.6372, 49.2315, 25.6678.



This preview shows how white text looks on a background with the XYZ color 42.6372, 49.2315,

25.6678.

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

42.6372, 49.2315, 25.6678

Protanopia

45.3062, 49.0304, 24.8452

Deuteranopia

50.0535, 49.0094, 26.2237



Tritanopia

49.4567, 49.1772, 59.1100

Trichromacy



Original Color

42.6372, 49.2315, 25.6678

Protanomaly

44.4604, 49.2172, 25.2457

Deuteranomaly

47.1499, 49.0238, 26.0463

Tritanomaly

46.5027, 48.9000, 44.5238

Monochromacy



Original Color

42.6372, 49.2315, 25.6678

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.4613, 47.4263, 40.1212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6372, 49.2315, 25.6678 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(187, 191, 122)` looks like.

```
.text, #text, p{  
    color:rgb(187, 191, 122)  
}
```

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(187, 191, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 191, 122) }
```

Border

The CSS property to change the border of an element to XYZ 42.6372, 49.2315, 25.6678 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(187, 191, 122) }
```


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

```
.border{ border-color:rgb(187, 191, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 191, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 191, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 191, 122);  
box-shadow:4px 4px 4px 4px rgb(187, 191,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6372, 49.2315, 25.6678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 191, 122) }
```

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

```
.background{ background-color: rgb(187,  
191, 122) }
```

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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