

Converting Colors

XYZ(36.6586, 43.6237, 25.2276)

Have a look what the booklet for
XYZ(36.6586, 43.6237, 25.2276)
contains.

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Color

**XYZ(36.6571, 43.6219,
25.2267)**

Conversions

Conversions Part 1

Format	Color
Hex	A8B77B
RGB	168, 183, 123
RGB Percent	66%, 72%, 48%
CMY	0.3412, 0.2823, 0.5176
CMYK	0.08, 0.00, 0.33, 0.28
HSL	75°, 29%, 60%
HSV	75°, 33%, 72%
XYZ	36.6571, 43.6219, 25.2267
YIQ	171.6750, 10.3200, -21.8400

Conversions

Conversions Part 2

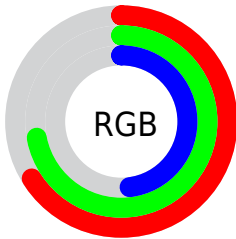
Format	Color
RYB	123, 183, 138
Decimal	11057019
CIELab	71.98, -15.25, 28.84
CIElCh	72, 32.628, 117.868
Yxy	43.6219, 0.3474, 0.4135
Android (android.graphics.Color)	4289247099 (0xFFA8B77B)
YUV	171.6750, -23.9968, -3.2230
Hunter-Lab	66.0469, -16.5116, 23.5869

Details

The XYZ color **36.6571, 43.6219, 25.2267** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **26.1132, 22.9892, 47.8633**, and the grayscale version is **39.1631, 41.2026, 44.8697**.

A 20% lighter version of the original color is **69.4434, 80.7149, 52.9938**, and **16.2555, 20.0911, 9.3246** is the 20% darker color. If you saturate the color by 10%, you get **34.6601, 42.7140, 19.7021**, and if you desaturate by 10%, it is **38.9047, 44.6370, 31.8827**.

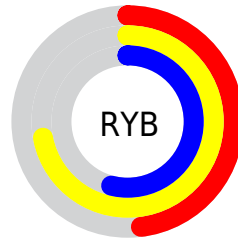
Distribution



Red (66%)

Green (72%)

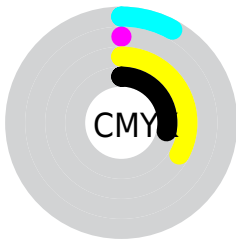
Blue (48%)



Red (48%)

Yellow (72%)

Blue (54%)

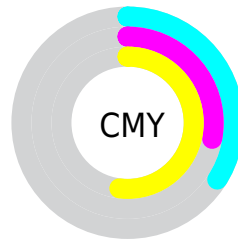


Cyan (8%)

Magenta (0%)

Yellow (33%)

Black (28%)



Cyan (34%)

Magenta (28%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.6571, 43.6219, 25.2267 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 36.6571, 43.6219, 25.2267 by changing the saturation by 10% instead.

■ 36.6571, 43.6219,
25.2267

■ 36.6571, 43.6219,
25.2267

323.2049,
361.1631, 292.4488

■ 25.1146, 30.3734,
16.0255

■ 69.3623, 80.6485,
52.9934

■ 16.2916, 20.1222,
9.3876

■ 91.2558, 105.1953,
72.3960

■ 9.8229, 12.4839,
4.8946

■ 117.3302,
134.2771, 96.0362

■ 5.3431, 7.0741,
2.1279

147.9510,
168.2781, 124.3324

■ 2.4867, 3.5085,
0.6323

183.4835,
207.5829, 157.7032

■ 0.8886, 1.4026,
0.0000

224.2931,

■ 0.0000, 0.2187,

252.5757, 196.5672

0.0000

270.7451,
303.6410, 241.3429

■ 0.0000, 0.0000,
0.0000

■ 36.6571, 43.6219,
25.2267

■ 36.6571, 43.6219,
25.2267

■ 34.6601, 42.7140,
19.7021

■ 38.9047, 44.6370,
31.8827

■ 32.8983, 41.9026,
15.2431

■ 41.4112, 45.7581,
39.7254

■ 31.3591, 41.1842,
11.7815

■ 44.1880, 46.9914,
48.8098

■ 30.0275, 40.5526,
9.2399

■ 47.2454, 48.3410,
59.1868

■ 28.8865, 40.0010,
7.5296

■ 50.5926, 49.8107,
70.9043

■ 27.9153, 39.5212,
6.5446

■ 54.2386, 51.4041,
84.0078

■ 27.2907, 39.2077,
6.1295

■ 58.1920, 53.1246,
98.5406

■ 60.0538, 54.0126,
101.8680

■ 61.3317, 54.6714,
101.9278

Harmonies

Analogous

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



41.8607, 43.6219, 22.9795



36.6571, 43.6219, 25.2267



33.0426, 43.6219, 32.9886

Triad

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



36.6571, 43.6219, 25.2267



36.0256, 43.6219, 78.4680



53.1023, 43.6219, 48.6462

Complementary

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



36.6571, 43.6219, 25.2267



26.1132, 22.9892, 47.8633

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.



51.2008, 43.6219, 65.7354



36.6571, 43.6219, 25.2267



41.0645, 43.6219, 85.1824

Square

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



36.6571, 43.6219, 25.2267



32.7015, 43.6219, 63.3132



46.6679, 43.6219, 80.0722



51.6604, 43.6219, 34.5618

Rectangle

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



36.6571, 43.6219, 25.2267



31.8534, 43.6219, 41.3420



46.6679, 43.6219, 80.0722



52.8296, 43.6219, 54.2341

Sweetspot

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



36.6582, 43.6238, 25.2276



75.4192, 82.5070, 75.1911



32.1936, 29.6756, 22.7707



16.5086, 18.1569, 16.1256



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.6582, 43.6238, 25.2276



63.1505, 76.9887, 38.1833



30.9913, 40.7025, 24.9624



9.5249, 10.3873, 9.6098



19.1027, 27.3841, 4.2788



0.7265, 0.9927, 0.1533

Inverse Universe

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



26.1132, 22.9892, 47.8633



41.4854, 34.5724, 84.7223



31.7802, 25.9107, 48.1285



8.7259, 8.8251, 11.3229



6.7955, 2.8144, 31.4381



0.2980, 0.1293, 1.1110

Previews

White Background



This preview shows how the XYZ color 36.6571, 43.6219, 25.2267 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 36.6571, 43.6219, 25.2267 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 36.6571, 43.6219, 25.2267

Background



This preview shows how black text looks on a background with the XYZ color 36.6571, 43.6219, 25.2267.



This preview shows how white text looks on a background with the XYZ color 36.6571, 43.6219,

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

36.6571, 43.6219, 25.2267

Protanopia

40.4014, 43.4831, 24.0330

Deuteranopia

44.2484, 43.4376, 25.7908



Tritanopia

42.6467, 43.6812, 54.3277

Trichromacy



Original Color

36.6571, 43.6219, 25.2267

Protanomaly

39.0997, 43.6880, 24.4610

Deuteranomaly

41.0859, 43.2221, 25.5793

Tritanomaly

40.1675, 43.5561, 41.8874

Monochromacy



Original Color

36.6571, 43.6219, 25.2267

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.1527, 42.0417, 36.6758

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6571, 43.6219, 25.2267 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(168, 183, 123)` looks like.

```
.text, #text, p{  
    color:rgb(168, 183, 123)  
}
```

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(168, 183, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 183, 123) }
```

Border

The CSS property to change the border of an element to XYZ 36.6571, 43.6219, 25.2267 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(168, 183, 123) }
```


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

```
.border{ border-color:rgb(168, 183, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 183, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 183, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 183, 123);  
box-shadow:4px 4px 4px 4px rgb(168, 183,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6571, 43.6219, 25.2267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 183, 123) }
```

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

```
.background{ background-color: rgb(168,  
183, 123) }
```

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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