

Converting Colors

XYZ(36.5582, 43.6591, 25.1469)

Have a look what the booklet for
XYZ(36.5582, 43.6591, 25.1469)
contains.

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Color

**XYZ(36.4450, 43.5125,
25.2168)**

Conversions

Conversions Part 1

Format	Color
Hex	A7B77B
RGB	167, 183, 123
RGB Percent	65%, 72%, 48%
CMY	0.3451, 0.2823, 0.5176
CMYK	0.09, 0.00, 0.33, 0.28
HSL	76°, 29%, 60%
HSV	76°, 33%, 72%
XYZ	36.4450, 43.5125, 25.2168
YIQ	171.3760, 9.7240, -22.0520

Conversions

Conversions Part 2

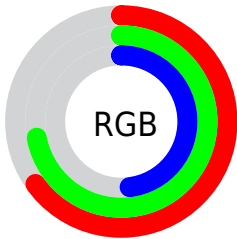
Format	Color
RYB	123, 183, 139
Decimal	10991483
CIELab	71.90, -15.64, 28.73
CIELCh	72, 32.713, 118.557
Yxy	43.5125, 0.3465, 0.4137
Android (android.graphics.Color)	4289181563 (0xFFA7B77B)
YUV	171.3760, -23.8494, -3.8378
Hunter-Lab	65.9640, -16.8161, 23.5094

Details

The XYZ color **36.4450, 43.5125, 25.2168** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **26.2793, 23.0749, 47.8710**, and the grayscale version is **39.0116, 41.0432, 44.6961**.

A 20% lighter version of the original color is **69.1344, 80.5556, 52.9793**, and **16.1247, 20.0237, 9.3184** is the 20% darker color. If you saturate the color by 10%, you get **34.3934, 42.5765, 19.6896**, and if you desaturate by 10%, it is **38.7519, 44.5581, 31.8756**.

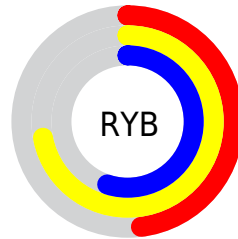
Distribution



Red (65%)

Green (72%)

Blue (48%)



Red (48%)

Yellow (72%)

Blue (55%)

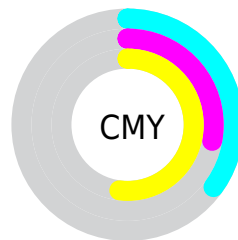


Cyan (9%)

Magenta (0%)

Yellow (33%)

Black (28%)



Cyan (35%)

Magenta (28%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.4450, 43.5125, 25.2168 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 36.4450, 43.5125, 25.2168 by changing the saturation by 10% instead.

■ 36.4450, 43.5125,
25.2168

■ 36.4450, 43.5125,
25.2168

322.2988,
360.7152, 292.3981

■ 24.9498, 30.2874,
16.0182

■ 69.0378, 80.4837,
52.9772

■ 16.1682, 20.0569,
9.3825

■ 90.8660, 104.9986,
72.3760

■ 9.7348, 12.4364,
4.8913

■ 116.8693,
134.0455, 96.0120

■ 5.2844, 7.0416,
2.1260

147.4129,
168.0090, 124.3037

■ 2.4516, 3.4881,
0.6312

182.8624,
207.2733, 157.6696

■ 0.8709, 1.3916,
0.0000

223.5829,

■ 0.0000, 0.2105,

252.2228, 196.5283

0.0000

269.9400,
303.2420, 241.2982

■ 0.0000, 0.0000,
0.0000

■ 36.4450, 43.5125,
25.2168

■ 36.4450, 43.5125,
25.2168

■ 34.3934, 42.5765,
19.6896

■ 38.7519, 44.5581,
31.8756

■ 32.5815, 41.7392,
15.2283

■ 41.3223, 45.7122,
39.7212

■ 30.9967, 40.9973,
11.7645


■ 44.1679, 46.9810,
48.8089


■ 29.6240, 40.3445,
9.2210


■ 47.2989, 48.3686,
59.1893


■ 28.4460, 39.7739,
7.5090

■ 50.7246, 49.8787,
70.9105


 27.4422, 39.2772,
6.5225

 54.4542, 51.5151,
84.0179

 26.7967, 38.9530,
6.1063

 58.4962, 53.2813,
98.5548

 60.4517, 54.2177,
101.8866

 61.8285, 54.9274,
101.9511

Harmonies

Analogous

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



41.6277, 43.5125, 22.8501



36.4450, 43.5125, 25.2168



32.8748, 43.5125, 33.1081

Triad

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



36.4450, 43.5125, 25.2168



36.0171, 43.5125, 78.6677



53.0171, 43.5125, 48.1547

Complementary

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



36.4450, 43.5125, 25.2168



26.2793, 23.0749, 47.8710

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.



51.1863, 43.5125, 65.2513



36.4450, 43.5125, 25.2168



41.0881, 43.5125, 85.1410

Square

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



36.4450, 43.5125, 25.2168



32.6438, 43.5125, 63.6085



46.6923, 43.5125, 79.7563



51.4980, 43.5125, 34.1734

Rectangle

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



36.4450, 43.5125, 25.2168



31.7214, 43.5125, 41.5479



46.6923, 43.5125, 79.7563



52.7702, 43.5125, 53.7288

Sweetspot

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



36.4461, 43.5144, 25.2177



75.2916, 82.4413, 75.1851



32.3377, 29.9639, 22.8187



16.4767, 18.1404, 16.1241



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.



36.4461, 43.5144, 25.2177



62.7027, 76.7579, 38.1624



30.8266, 40.6175, 24.9547



9.5102, 10.3796, 9.6091



18.7605, 27.2077, 4.2628



0.7166, 0.9876, 0.1529

Inverse Universe

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



26.2793, 23.0749, 47.8710



41.8149, 34.7423, 84.7378



31.9939, 26.0209, 48.1384



8.7398, 8.8322, 11.3236



6.8968, 2.8666, 31.4429



0.3038, 0.1324, 1.1113

Previews

White Background



This preview shows how the XYZ color 36.4450, 43.5125, 25.2168 looks on a white background.

Color Contrast Check

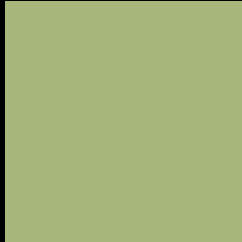
Large Text (above 18pt) WCAG AA × Fail

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 36.4450, 43.5125, 25.2168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

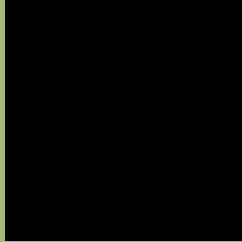
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

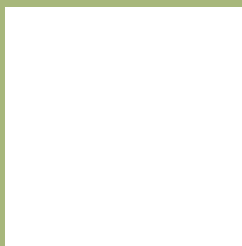
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.4450, 43.5125, 25.2168

Background



This preview shows how black text looks on a background with the XYZ color 36.4450, 43.5125, 25.2168.



This preview shows how white text looks on a background with the XYZ color 36.4450, 43.5125,

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

36.4450, 43.5125, 25.2168

Protanopia

40.1507, 43.3539, 24.0213

Deuteranopia

44.2484, 43.4376, 25.7908



Tritanopia

42.4198, 43.5642, 54.3171

Trichromacy



Original Color

36.4450, 43.5125, 25.2168

Protanomaly

38.8627, 43.5658, 24.4499

Deuteranomaly

41.0859, 43.2221, 25.5793

Tritanomaly

39.9455, 43.4416, 41.8770

Monochromacy



Original Color

36.4450, 43.5125, 25.2168

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

37.7403, 41.5391, 36.6006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4450, 43.5125, 25.2168 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(167, 183, 123)` looks like.

```
.text, #text, p{  
    color:rgb(167, 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(167, 183, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 183, 123) }
```

Border

The CSS property to change the border of an element to XYZ 36.4450, 43.5125, 25.2168 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(167, 183, 123) }
```


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

```
.border{ border-color:rgb(167, 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(167, 183, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 183, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 183, 123);  
box-shadow:4px 4px 4px 4px rgb(167, 183,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4450, 43.5125, 25.2168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 183, 123) }
```

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

```
.background{ background-color: rgb(167,  
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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