

Converting Colors

XYZ(33.3037, 41.5461, 28.4655)

Have a look what the booklet for
XYZ(33.3037, 41.5461, 28.4655)
contains.

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Color

**XYZ(33.3560, 41.5389,
28.4501)**

Conversions

Conversions Part 1

Format	Color
Hex	95B685
RGB	149, 182, 133
RGB Percent	58%, 71%, 52%
CMY	0.4157, 0.2863, 0.4784
CMYK	0.18, 0.00, 0.27, 0.29
HSL	100°, 25%, 62%
HSV	100°, 27%, 71%
XYZ	33.3560, 41.5389, 28.4501
YIQ	166.5470, -3.9390, -22.2350

Conversions

Conversions Part 2

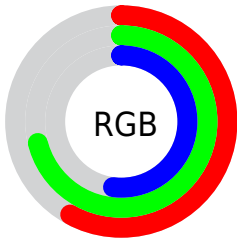
Format	Color
RYB	133, 182, 166
Decimal	9811589
CIELab	70.55, -20.39, 21.37
CIELCh	71, 29.533, 133.657
Yxy	41.5389, 0.3228, 0.4019
Android (android.graphics.Color)	4288001669 (0xFF95B685)
YUV	166.5470, -16.5387, -15.3887
Hunter-Lab	64.4507, -20.4073, 18.9434

Details

The XYZ color **33.3560, 41.5389, 28.4501** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **32.5587, 28.2607, 47.9970**, and the grayscale version is **36.5904, 38.4960, 41.9221**.

A 20% lighter version of the original color is **64.3393, 77.5316, 58.0284**, and **14.3414, 18.8664, 11.0693** is the 20% darker color. If you saturate the color by 10%, you get **30.0862, 39.9874, 22.2924**, and if you desaturate by 10%, it is **37.0813, 43.3025, 35.7682**.

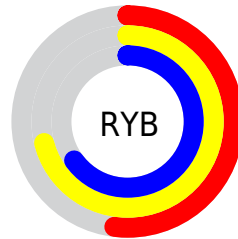
Distribution



Red (58%)

Green (71%)

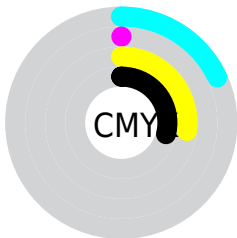
Blue (52%)



Red (52%)

Yellow (71%)

Blue (65%)

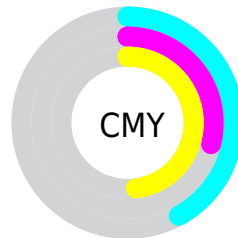


Cyan (18%)

Magenta (0%)

Yellow (27%)

Black (29%)



Cyan (42%)


Magenta (29%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.3560, 41.5389, 28.4501 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 33.3560, 41.5389, 28.4501 by changing the saturation by 10% instead.


 33.3560, 41.5389,
28.4501


 33.3560, 41.5389,
28.4501


308.8875,
352.5679, 308.5908

 22.5598, 28.7404,
18.4232


 64.2819, 77.5013,
58.2340

 14.3877, 18.8845,
11.0817


 85.1424, 101.4340,
78.8281

 8.4743, 11.5869,
6.0070


 110.0883,
129.8469, 103.7816

 4.4543, 6.4630,
2.7804

139.4851,
163.1243, 133.5132

 1.9622, 3.1286,
0.9837

173.6980,
201.6508, 168.4414

 0.6126, 1.1993,
0.0000

213.0925,

 0.0000, 0.0611,

245.8106, 208.9847

0.0000

258.0339,
295.9882, 255.5617

■ 0.0000, 0.0000,
0.0000

■ 33.3560, 41.5389,
28.4501

■ 33.3560, 41.5389,
28.4501

■ 30.0862, 39.9874,
22.2924

■ 37.0813, 43.3025,
35.7682

■ 27.2502, 38.6345,
17.2329

■ 41.2762, 45.2806,
44.2991

■ 24.8292, 37.4730,
13.2076

■ 45.9582, 47.4823,
54.0956

■ 22.8017, 36.4934,
10.1449

■ 51.1429, 49.9145,
65.2063

■ 21.1438, 35.6853,
7.9640

■ 56.8452, 52.5840,
77.6774

■ 19.8287, 35.0368,
6.5710

■ 63.0793, 55.4972,
91.5527

■ 18.8217, 34.5330,
5.8343

■ 68.9762, 58.3070,
102.2267

■ 18.5576, 34.4003,
5.6618

■ 73.1598, 60.4637,
102.4225

■ 76.0188, 61.9376,
102.5563

Harmonies

Analogous

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



37.3088, 41.5389, 23.8316



33.3560, 41.5389, 28.4501



31.1503, 41.5389, 38.0857

Triad

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



33.3560, 41.5389, 28.4501



36.9015, 41.5389, 76.1998



49.3114, 41.5389, 39.1803

Complementary

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



33.3560, 41.5389, 28.4501



32.5587, 28.2607, 47.9970

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.



49.1796, 41.5389, 53.2134



33.3560, 41.5389, 28.4501



41.7369, 41.5389, 76.6620

Square

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



33.3560, 41.5389, 28.4501



33.0790, 41.5389, 66.4142



46.3144, 41.5389, 67.5708



46.6610, 41.5389, 29.1086

Rectangle

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



33.3560, 41.5389, 28.4501



30.8441, 41.5389, 46.9632



46.3144, 41.5389, 67.5708



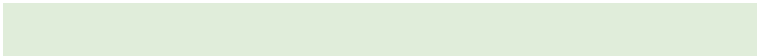
49.5973, 41.5389, 43.5376

Sweetspot

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



33.3571, 41.5407, 28.4510



73.8618, 81.6334, 78.3157



37.1024, 38.7917, 27.7230



16.0519, 17.9069, 16.7601



88.6918, 93.3107, 101.6153



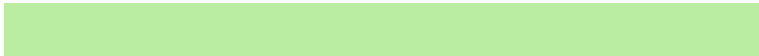
17.8044, 18.7317, 20.3988

Same Dimension

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



33.3571, 41.5407, 28.4510



57.0429, 73.6817, 45.0550



31.2222, 40.3724, 31.4123



9.1591, 10.1987, 9.5927



13.1676, 24.3244, 4.0011



0.5311, 0.8920, 0.1442

Inverse Universe

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



32.5587, 28.2607, 47.9970



55.3578, 45.7572, 86.1501



35.3042, 29.7708, 43.8468



9.0882, 9.0118, 11.3399



11.7608, 5.3741, 31.6705



0.4767, 0.2214, 1.1194

Previews

White Background



This preview shows how the XYZ color 33.3560, 41.5389, 28.4501 looks on a white background.

Color Contrast Check

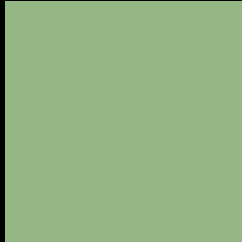
Large Text (above 18pt) WCAG AA × Fail

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 33.3560, 41.5389, 28.4501 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 33.3560, 41.5389, 28.4501

Background



This preview shows how black text looks on a background with the XYZ color 33.3560, 41.5389, 28.4501.



This preview shows how white text looks on a background with the XYZ color 33.3560, 41.5389,

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

33.3560, 41.5389, 28.4501

Protanopia

38.4160, 41.2539, 26.3601

Deuteranopia

42.0579, 41.1339, 29.3899



Tritanopia

38.6158, 41.6032, 54.1391

Trichromacy



Original Color

33.3560, 41.5389, 28.4501

Protanomaly

36.3492, 41.3203, 27.1789

Deuteranomaly

38.2982, 40.8485, 29.1586

Tritanomaly

36.5994, 41.6739, 43.6510

Monochromacy



Original Color

33.3560, 41.5389, 28.4501

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

35.1661, 39.3452, 36.7513

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.3560, 41.5389, 28.4501 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(149, 182, 133)` looks like.

```
.text, #text, p{  
    color:rgb(149, 182, 133)  
}
```

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(149, 182, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 182, 133) }
```

Border

The CSS property to change the border of an element to XYZ 33.3560, 41.5389, 28.4501 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(149, 182, 133) }
```


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

```
.border{ border-color:rgb(149, 182, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 182, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 182, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 182, 133);  
box-shadow:4px 4px 4px 4px rgb(149, 182,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 33.3560, 41.5389, 28.4501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 182, 133) }
```

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

```
.background{ background-color: rgb(149,  
182, 133) }
```

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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