

Converting Colors

XYZ(39.6507, 41.1559, 28.3252)

Have a look what the booklet for
XYZ(39.6507, 41.1559, 28.3252)
contains.

XYZ(39.6641, 41.2895, 28.4334)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(39.6641, 41.2895,
28.4334)**

Conversions

Conversions Part 1

Format	Color
Hex	BDAA86
RGB	189, 170, 134
RGB Percent	74%, 67%, 53%
CMY	0.2588, 0.3333, 0.4745
CMYK	0.00, 0.10, 0.29, 0.26
HSL	39°, 29%, 63%
HSV	39°, 29%, 74%
XYZ	39.6641, 41.2895, 28.4334
YIQ	171.5770, 22.8800, -7.1680

Conversions

Conversions Part 2

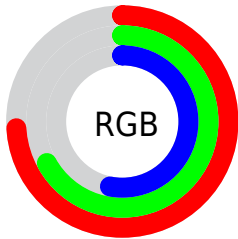
Format	Color
RYB	163, 189, 134
Decimal	12429958
CIELab	70.38, 1.32, 21.09
CIElCh	70, 21.134, 86.412
Yxy	41.2895, 0.3626, 0.3775
Android (android.graphics.Color)	4290620038 (0xFFBDAA86)
YUV	171.5770, -18.5255, 15.2800
Hunter-Lab	64.2569, -2.2662, 18.7443

Details

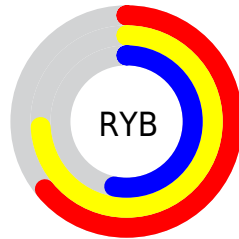
The XYZ color **39.6641, 41.2895, 28.4334** is a light color, and the websafe version is hex **999966**. A complement of this color would be **30.4079, 31.5241, 52.6264**, and the grayscale version is **39.0823, 41.1177, 44.7771**.

A 20% lighter version of the original color is **73.9009, 77.0311, 57.9872**, and **18.0703, 18.7479, 11.0538** is the 20% darker color. If you saturate the color by 10%, you get **37.2688, 38.4231, 21.7024**, and if you desaturate by 10%, it is **42.3580, 44.3754, 36.4272**.

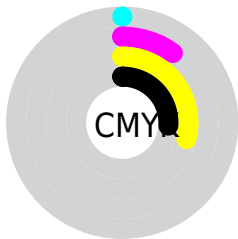
Distribution



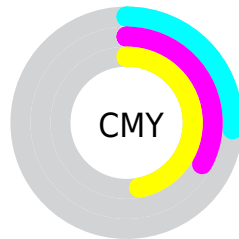
- Red (74%)
- Green (67%)
- Blue (53%)



- Red (64%)
- Yellow (74%)
- Blue (53%)



- Cyan (0%)
- Magenta (10%)
- Yellow (29%)
- Black (26%)





- Cyan (26%)
- Magenta (33%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.6641, 41.2895, 28.4334 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 39.6641, 41.2895, 28.4334 by changing the saturation by 10% instead.


 39.6641, 41.2895,
28.4334


 39.6641, 41.2895,
28.4334


335.8645,
351.5291, 308.5089


 27.4598, 28.5454,
18.4107


 73.9393, 77.1232,
58.2070

 18.0572, 18.7372,
11.0728


 96.7410, 100.9815,
78.7951

 11.0910, 11.4805,
6.0010


 123.8058,
129.3133, 103.7421

 6.1958, 6.3910,
2.7769

155.4991,
162.5031, 133.4664

 3.0063, 3.0843,
0.9819

192.1863,
200.9351, 168.3868

 1.1571, 1.1759,
0.0000

234.2326,

 0.0721, 0.0419,

244.9939, 208.9216

0.0000

282.0036,
295.0638, 255.4895

■ 0.0000, 0.0000,
0.0000

■ 39.6641, 41.2895,
28.4334

■ 39.6641, 41.2895,
28.4334

■ 37.2688, 38.4231,
21.7024

■ 42.3580, 44.3754,
36.4272

■ 35.1554, 35.7639,
16.1653

■ 45.3596, 47.6816,
45.7427

■ 33.3103, 33.3064,
11.7502

■ 48.6819, 51.2160,
56.4381

■ 31.7175, 31.0428,
8.3769

■ 52.3357, 54.9842,
68.5675

■ 30.3587, 28.9643,
5.9539

■ 56.3315, 58.9919,
82.1821

■ 29.2127, 27.0608,
4.3738

■ 60.6794, 63.2441,
97.3302

■ 28.2423, 25.3159,
3.4468

■ 63.5152, 66.9964,
104.1917

■ 28.1594, 25.1649,
3.3731

■ 65.2179, 70.4019,
104.7593

■ 66.9877, 73.9416,
105.3493

Harmonies

Analogous

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



43.0587, 41.2895, 30.8242



39.6641, 41.2895, 28.4334



36.3462, 41.2895, 29.9023

Triad

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



39.6641, 41.2895, 28.4334



33.5584, 41.2895, 54.0195



45.0788, 41.2895, 56.3981

Complementary

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



39.6641, 41.2895, 28.4334



30.4079, 31.5241, 52.6264

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.



42.2928, 41.2895, 64.3691



39.6641, 41.2895, 28.4334



35.6623, 41.2895, 62.8597

Square

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



39.6641, 41.2895, 28.4334



32.9455, 41.2895, 43.7702



38.8277, 41.2895, 66.8916



46.2991, 41.2895, 46.1656

Rectangle

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



39.6641, 41.2895, 28.4334



34.6003, 41.2895, 33.0106



38.8277, 41.2895, 66.8916



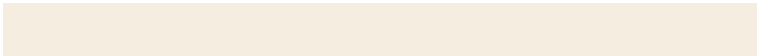
44.2866, 41.2895, 59.4860

Sweetspot

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



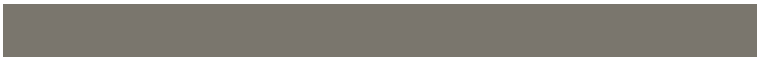
39.6652, 41.2914, 28.4343



81.2138, 85.3705, 81.8459



35.2822, 30.1777, 34.2111



17.2887, 18.1676, 17.0454



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



39.6652, 41.2914, 28.4343



68.2082, 70.5906, 42.8859



41.4985, 47.9103, 29.6152



10.0373, 10.5506, 10.0841



19.0199, 17.0785, 2.2940



0.8038, 0.7866, 0.1095

Inverse Universe

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



30.4079, 31.5241, 52.6264



48.9086, 50.2351, 93.3448



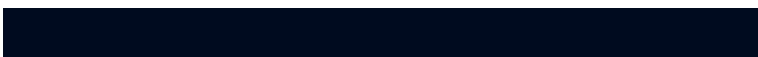
28.9092, 26.4978, 51.7352



9.2787, 9.7498, 12.0651



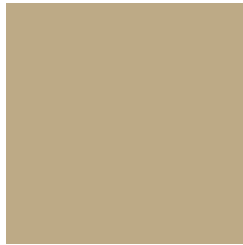
7.5277, 5.1671, 32.9935



0.3569, 0.3264, 1.3130

Previews

White Background



This preview shows how the XYZ color 39.6641, 41.2895, 28.4334 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 39.6641, 41.2895, 28.4334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

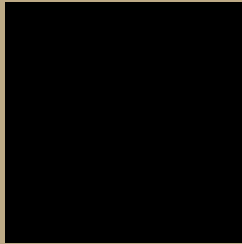
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.6641, 41.2895, 28.4334

Background



This preview shows how black text looks on a background with the XYZ color 39.6641, 41.2895, 28.4334.



This preview shows how white text looks on a background with the XYZ color 39.6641, 41.2895,

28.4334.

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

39.6641, 41.2895, 28.4334

Protanopia

38.6541, 41.3216, 28.8602

Deuteranopia

41.9157, 41.0770, 28.6411



Tritanopia

43.4594, 41.1946, 47.2558

Trichromacy



Original Color

39.6641, 41.2895, 28.4334

Protanomaly

38.9437, 41.1894, 28.8195

Deuteranomaly

41.2178, 41.2570, 28.7127

Tritanomaly

41.8075, 41.0521, 39.4386

Monochromacy



Original Color

39.6641, 41.2895, 28.4334

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.0946, 41.0594, 38.2125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6641, 41.2895, 28.4334 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(189, 170, 134)` looks like.

```
.text, #text, p{  
    color:rgb(189, 170, 134)  
}
```

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(189, 170, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 170, 134) }
```

Border

The CSS property to change the border of an element to XYZ 39.6641, 41.2895, 28.4334 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(189, 170, 134) }
```


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

```
.border{ border-color:rgb(189, 170, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 170, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 170, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 170, 134);  
box-shadow:4px 4px 4px 4px rgb(189, 170,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6641, 41.2895, 28.4334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 170, 134) }
```

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

```
.background{ background-color: rgb(189,  
170, 134) }
```

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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