

Converting Colors

XYZ(37.5267, 41.3535, 31.9501)

Have a look what the booklet for
XYZ(37.5267, 41.3535, 31.9501)
contains.

XYZ(37.5495, 41.2539, 31.9703)	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(37.5495, 41.2539,
31.9703)**

Conversions

Conversions Part 1

Format	Color
Hex	AEAE8F
RGB	174, 174, 143
RGB Percent	68%, 68%, 56%
CMY	0.3176, 0.3176, 0.4392
CMYK	0.00, 0.00, 0.18, 0.32
HSL	60°, 16%, 62%
HSV	60°, 18%, 68%
XYZ	37.5495, 41.2539, 31.9703
YIQ	170.4660, 9.9510, -9.6410

Conversions

Conversions Part 2

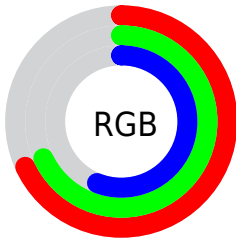
Format	Color
R_{YB}	143, 174, 143
Decimal	11447951
CIE _{Lab}	70.35, -5.33, 15.95
CIE _{LCh}	70, 16.822, 108.480
Yxy	41.2539, 0.3390, 0.3724
Android (android.graphics.Color)	4289638031 (0xFFFAEAE8F)
YUV	170.4660, -13.5407, 3.0993
Hunter-Lab	64.2292, -8.0469, 15.4486

Details

The XYZ color **37.5495, 41.2539, 31.9703** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.7917, 28.5416, 44.0382**, and the grayscale version is **38.5041, 40.5093, 44.1146**.

A 20% lighter version of the original color is **70.7305, 76.8928, 63.9372**, and **16.8205, 18.7743, 13.0932** is the 20% darker color. If you saturate the color by 10%, you get **36.3323, 40.7683, 25.5581**, and if you desaturate by 10%, it is **38.9734, 41.8249, 39.4612**.

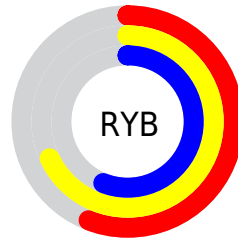
Distribution



Red (68%)

Green (68%)

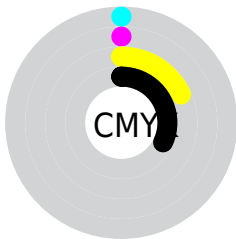
Blue (56%)



Red (56%)

Yellow (68%)

Blue (56%)

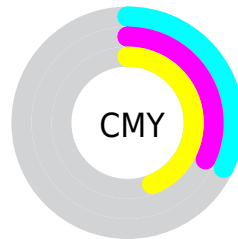


Cyan (0%)

Magenta (0%)

Yellow (18%)

Black (32%)



Cyan (32%)

Magenta (32%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.5495, 41.2539, 31.9703 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 37.5495, 41.2539, 31.9703 by changing the saturation by 10% instead.


 37.5495, 41.2539,
31.9703


 37.5495, 41.2539,
31.9703


326.9978,
351.3807, 325.4725

 25.8089, 28.5175,
21.0742


 70.7255, 77.0692,
63.8619

 16.8126, 18.7161,
12.9865


 92.8915, 100.9169,
85.6945

 10.1955, 11.4654,
7.2886


119.2634,
129.2371, 112.0096

 5.5920, 6.3808,
3.5621

150.2065,
162.4143, 143.2258

 2.6369, 3.0780,
1.3883

186.0861,
200.8329, 179.7617

 0.9648, 1.1726,
0.1326

227.2676,

 0.0000, 0.0391,

244.8772, 222.0357

0.0000

274.1164,
294.9317, 270.4665

■ 0.0000, 0.0000,
0.0000

■ 37.5495, 41.2539,
31.9703

■ 37.5495, 41.2539,
31.9703

■ 36.3323, 40.7683,
25.5581

■ 38.9734, 41.8249,
39.4612

■ 35.3090, 40.3590,
20.1725

■ 40.6096, 42.4794,
48.0745

■ 34.4708, 40.0236,
15.7609

■ 42.4673, 43.2226,
57.8545

■ 33.8065, 39.7579,
12.2653

■ 44.5544, 44.0575,
68.8427

■ 33.3039, 39.5568,
9.6212

■ 46.8784, 44.9871,
81.0782

■ 32.9492, 39.4148,
7.7560

■ 49.4464, 46.0144,
94.5985

■ 32.7264, 39.3256,
6.5849

■ 50.6460, 46.4943,
100.9127

■ 32.6095, 39.2788,
5.9719

■ 50.6464, 46.4945,
100.9127

■ 32.5886, 39.2705,
5.8624

■ 50.6469, 46.4948,
100.9127

Harmonies

Analogous

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



40.2819, 41.2539, 31.5905



37.5495, 41.2539, 31.9703



35.3633, 41.2539, 35.5628

Triad

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



37.5495, 41.2539, 31.9703



35.7910, 41.2539, 57.3097



44.6539, 41.2539, 48.0283

Complementary

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



37.5495, 41.2539, 31.9703



28.7917, 28.5416, 44.0382

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.



43.3272, 41.2539, 55.7859



37.5495, 41.2539, 31.9703



38.1584, 41.2539, 61.5498

Square

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



37.5495, 41.2539, 31.9703



34.3815, 41.2539, 49.9194



40.9200, 41.2539, 60.9615



44.4720, 41.2539, 40.2632

Rectangle

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



37.5495, 41.2539, 31.9703



34.4699, 41.2539, 39.5617



40.9200, 41.2539, 60.9615



44.3671, 41.2539, 50.7383

Sweetspot

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



37.5506, 41.2557, 31.9712



71.4611, 76.1707, 75.6326



32.2372, 30.6277, 30.1998



15.8391, 16.9122, 16.5793



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



37.5506, 41.2557, 31.9712



67.2824, 74.4991, 53.6356



34.2946, 39.5772, 31.8188



8.6626, 9.3302, 8.5577



23.6355, 28.4816, 4.2518



0.6575, 0.7923, 0.1183

Inverse Universe

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



28.7917, 28.5416, 44.0382



48.6956, 47.5191, 79.2424



31.6628, 30.0217, 44.1726



7.5790, 7.7573, 10.0505



5.5416, 2.2167, 29.1803



0.1542, 0.0617, 0.8118

Previews

White Background



This preview shows how the XYZ color 37.5495, 41.2539, 31.9703 looks on a white background.

Color Contrast Check

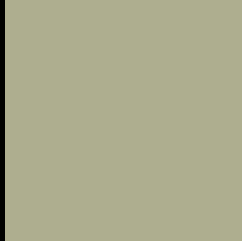
Large Text (above 18pt) WCAG AA × Fail

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 37.5495, 41.2539, 31.9703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

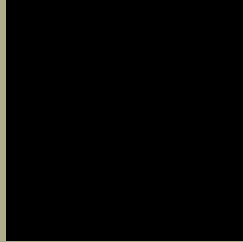
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

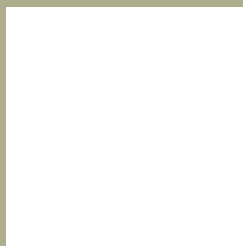
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.5495, 41.2539, 31.9703

Background



This preview shows how black text looks on a background with the XYZ color 37.5495, 41.2539, 31.9703.



This preview shows how white text looks on a background with the XYZ color 37.5495, 41.2539,

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

37.5495, 41.2539, 31.9703

Protanopia

38.9264, 41.4031, 31.5311

Deuteranopia

41.8547, 40.9604, 32.4882



Tritanopia

41.2219, 41.3370, 50.0622

Trichromacy



Original Color

37.5495, 41.2539, 31.9703

Protanomaly

38.4165, 41.4238, 31.5620

Deuteranomaly

40.0229, 40.8377, 32.1586

Tritanomaly

39.7623, 41.3001, 42.9218

Monochromacy



Original Color

37.5495, 41.2539, 31.9703

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.7027, 40.3218, 39.0535

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5495, 41.2539, 31.9703 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(174, 174, 143)` looks like.

```
.text, #text, p{  
    color:rgb(174, 174, 143)  
}
```

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(174, 174, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 174, 143) }
```

Border

The CSS property to change the border of an element to XYZ 37.5495, 41.2539, 31.9703 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(174, 174, 143) }
```


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

```
.border{ border-color:rgb(174, 174, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 174, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 174, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 174, 143);  
box-shadow:4px 4px 4px 4px rgb(174, 174,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5495, 41.2539, 31.9703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 174, 143) }
```

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

```
.background{ background-color: rgb(174,  
174, 143) }
```

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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