

Converting Colors

XYZ(41.8906, 42.5923, 36.1526)

Have a look what the booklet for
XYZ(41.8906, 42.5923, 36.1526)
contains.

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Color

**XYZ(41.7985, 42.5021,
36.1377)**

Conversions

Conversions Part 1

Format	Color
Hex	BFAB99
RGB	191, 171, 153
RGB Percent	75%, 67%, 60%
CMY	0.2510, 0.3294, 0.4000
CMYK	0.00, 0.10, 0.20, 0.25
HSL	28°, 23%, 67%
HSV	28°, 20%, 75%
XYZ	41.7985, 42.5021, 36.1377
YIQ	174.9280, 17.6980, -1.3580

Conversions

Conversions Part 2

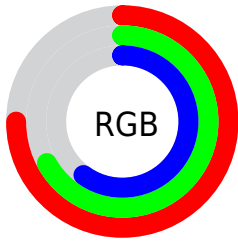
Format	Color
R_{YB}	191, 187, 153
Decimal	12561305
CIE _{Lab}	71.22, 4.30, 11.90
CIE _{LCh}	71, 12.652, 70.140
Yxy	42.5021, 0.3471, 0.3529
Android (android.graphics.Color)	4290751385 (0xFFBFAB99)
YUV	174.9280, -10.8105, 14.0951
Hunter-Lab	65.1936, 0.3553, 12.7703

Details

The XYZ color **41.7985, 42.5021, 36.1377** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.4841, 40.4199, 55.1166**, and the grayscale version is **40.7590, 42.8816, 46.6981**.

A 20% lighter version of the original color is **77.1702, 78.8542, 70.1846**, and **19.3116, 19.4713, 15.3109** is the 20% darker color. If you saturate the color by 10%, you get **38.5190, 38.2686, 27.8746**, and if you desaturate by 10%, it is **45.4772, 47.1292, 45.7807**.

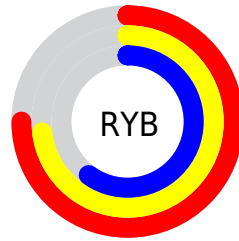
Distribution



Red (75%)

Green (67%)

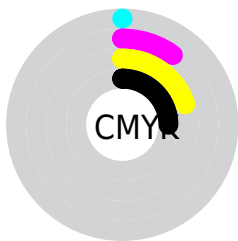
Blue (60%)



Red (75%)

Yellow (73%)

Blue (60%)

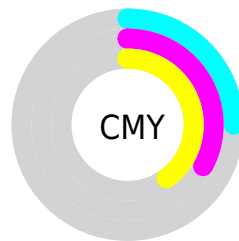


Cyan (0%)

Magenta (10%)

Yellow (20%)

Black (25%)



Cyan (25%)


Magenta (33%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.7985, 42.5021, 36.1377 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 41.7985, 42.5021, 36.1377 by changing the saturation by 10% instead.


 41.7985, 42.5021,
36.1377


 41.7985, 42.5021,
36.1377


344.6528,
356.5601, 344.6176

 29.1340, 29.4947,
24.2500


 77.1617, 78.9590,
70.4160

 19.3270, 19.4553,
15.3053


 100.5910,
103.1772, 93.6437

 12.0122, 11.9998,
8.8849

128.3393,
131.9011, 121.4885

 6.8242, 6.7435,
4.5704

160.7719,
165.5151, 154.3689

 3.3978, 3.3022,
1.9432

198.2542,
204.4036, 192.7034

 1.3674, 1.2915,
0.5200

241.1516,

 0.2328, 0.1346,

248.9511, 236.9107

0.0000

289.8293,
299.5418, 287.4093

■ 0.0000, 0.0000,
0.0000

■ 41.7985, 42.5021,
36.1377

■ 41.7985, 42.5021,
36.1377

■ 38.5190, 38.2686,
27.8746

■ 45.4772, 47.1292,
45.7807

■ 35.6201, 34.4118,
20.9245

■ 49.5660, 52.1548,
56.8610

■ 33.0867, 30.9219,
15.2190

■ 54.0796, 57.5910,
69.4357

■ 30.9012, 27.7862,
10.6822

■ 59.0307, 63.4476,
83.5583

■ 29.0443, 24.9913,
7.2298

■ 64.4318, 69.7341,
99.2795

■ 27.4942, 22.5227,
4.7661

■ 68.1983, 75.6212,
105.6097

■ 26.2259, 20.3641,
3.1781

■ 71.0977, 81.4199,
106.5761

■ 25.1940, 18.4908,
2.2470

■ 74.1613, 87.5472,
107.5973

■ 25.1839, 18.4723,
2.2382

■ 75.2959, 89.8164,
107.9755

Harmonies

Analogous

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



43.5959, 42.5021, 39.1484



41.7985, 42.5021, 36.1377



39.6832, 42.5021, 35.7050

Triad

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



41.7985, 42.5021, 36.1377



36.5135, 42.5021, 48.3647



43.0838, 42.5021, 55.7941

Complementary

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



41.7985, 42.5021, 36.1377



37.4841, 40.4199, 55.1166

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.



41.1193, 42.5021, 58.7548



41.7985, 42.5021, 36.1377



37.3585, 42.5021, 54.2236

Square

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



41.7985, 42.5021, 36.1377



36.6810, 42.5021, 42.4216



39.0271, 42.5021, 58.1562



44.3558, 42.5021, 50.3604

Rectangle

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



41.7985, 42.5021, 36.1377



38.3834, 42.5021, 36.8930



39.0271, 42.5021, 58.1562



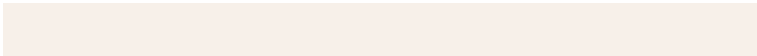
42.4797, 42.5021, 57.1322

Sweetspot

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



41.7996, 42.5040, 36.1386



84.1442, 87.7430, 89.2248



40.4461, 36.8868, 44.6591



18.3727, 19.1386, 19.3109



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



41.7996, 42.5040, 36.1386



72.1415, 72.6373, 57.7872



45.5916, 50.0880, 37.4026



9.8929, 10.2618, 10.0359



16.6299, 12.2987, 1.4974



0.7169, 0.6128, 0.0805

Inverse Universe

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



37.4841, 40.4199, 55.1166



62.9682, 68.2066, 98.1255



34.1410, 33.7338, 54.0022



9.4208, 10.0338, 12.1124



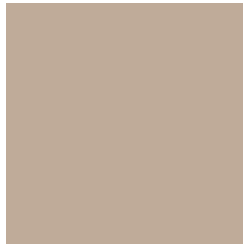
9.2883, 8.6883, 33.5804



0.4289, 0.4704, 1.3371

Previews

White Background



This preview shows how the XYZ color 41.7985, 42.5021, 36.1377 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 41.7985, 42.5021, 36.1377 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 41.7985, 42.5021, 36.1377

Background



This preview shows how black text looks on a background with the XYZ color 41.7985, 42.5021, 36.1377.



This preview shows how white text looks on a background with the XYZ color 41.7985, 42.5021,

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

41.7985, 42.5021, 36.1377

Protanopia

40.2602, 42.5503, 36.6629

Deuteranopia

43.3886, 42.4805, 36.4846



Tritanopia

44.3051, 42.4021, 49.0293

Trichromacy



Original Color

41.7985, 42.5021, 36.1377

Protanomaly

40.7839, 42.5345, 36.6323

Deuteranomaly

42.7857, 42.4448, 36.5095

Tritanomaly

43.2506, 42.2450, 43.9048

Monochromacy



Original Color

41.7985, 42.5021, 36.1377

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.1672, 42.8859, 42.6673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7985, 42.5021, 36.1377 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(191, 171, 153)` looks like.

```
.text, #text, p{  
    color:rgb(191, 171, 153)  
}
```

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(191, 171, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 171, 153) }
```

Border

The CSS property to change the border of an element to XYZ 41.7985, 42.5021, 36.1377 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(191, 171, 153) }
```


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

```
.border{ border-color:rgb(191, 171, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 171, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 171, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 171, 153);  
box-shadow:4px 4px 4px 4px rgb(191, 171,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7985, 42.5021, 36.1377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 171, 153) }
```

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

```
.background{ background-color: rgb(191,  
171, 153) }
```

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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