

Converting Colors

XYZ(41.3214, 42.6604, 35.3371)

Have a look what the booklet for
XYZ(41.3214, 42.6604, 35.3371)
contains.

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Color

**XYZ(41.3247, 42.5582,
35.3147)**

Conversions

Conversions Part 1

Format	Color
Hex	BDAC97
RGB	189, 172, 151
RGB Percent	74%, 67%, 59%
CMY	0.2588, 0.3255, 0.4078
CMYK	0.00, 0.09, 0.20, 0.26
HSL	33°, 22%, 67%
HSV	33°, 20%, 74%
XYZ	41.3247, 42.5582, 35.3147
YIQ	174.6890, 16.8730, -2.9270

Conversions

Conversions Part 2

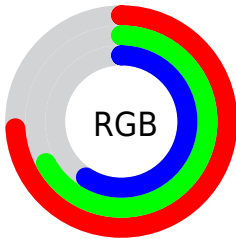
Format	Color
R_{YB}	182, 189, 151
Decimal	12430487
CIE _{Lab}	71.25, 2.69, 13.02
CIE _{LCh}	71, 13.300, 78.328
Yxy	42.5582, 0.3467, 0.3570
Android (android.graphics.Color)	4290620567 (0xFFBDAC97)
YUV	174.6890, -11.6787, 12.5507
Hunter-Lab	65.2366, -1.0918, 13.5701

Details

The XYZ color **41.3247, 42.5582, 35.3147** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.9503, 38.2579, 53.6341**, and the grayscale version is **40.6400, 42.7565, 46.5618**.

A 20% lighter version of the original color is **76.4946, 78.9388, 68.9626**, and **19.0084, 19.5039, 14.8194** is the 20% darker color. If you saturate the color by 10%, you get **38.3535, 38.8782, 27.3490**, and if you desaturate by 10%, it is **44.6467, 46.5452, 44.6124**.

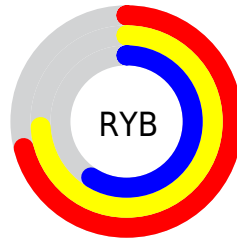
Distribution



Red (74%)

Green (67%)

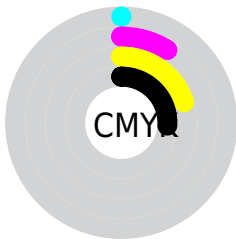
Blue (59%)



Red (71%)

Yellow (74%)

Blue (59%)

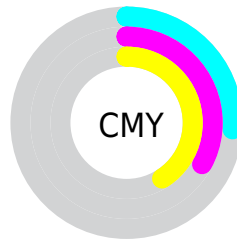


Cyan (0%)

Magenta (9%)

Yellow (20%)

Black (26%)



Cyan (26%)

Magenta (33%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3247, 42.5582, 35.3147 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 41.3247, 42.5582, 35.3147 by changing the saturation by 10% instead.


 41.3247, 42.5582,
35.3147


 41.3247, 42.5582,
35.3147


342.7153,
356.7917, 340.9016

 28.7617, 29.5386,
23.6199


 76.4482, 79.0437,
69.1301

 19.0440, 19.4887,
14.8423


 99.7393, 103.2785,
92.0878

 11.8063, 12.0239,
8.5634


127.3372,
132.0204, 119.6368

 6.6831, 6.7600,
4.3646

159.6072,
165.6540, 152.1958

 3.3093, 3.3124,
1.8274

196.9146,
204.5634, 190.1832

 1.3194, 1.2969,
0.4460

239.6249,

 0.1976, 0.1388,

249.1333, 234.0176

0.0000

288.1033,
299.7479, 284.1176

■ 0.0000, 0.0000,
0.0000

■ 41.3247, 42.5582,
35.3147

■ 41.3247, 42.5582,
35.3147

■ 38.3535, 38.8782,
27.3490

■ 44.6467, 46.5452,
44.6124

■ 35.7160, 35.4909,
20.6503

■ 48.3287, 50.8415,
55.2975

■ 33.3988, 32.3894,
15.1522

■ 52.3841, 55.4567,
67.4255

■ 31.3861, 29.5642,
10.7811

■ 56.8242, 60.3982,
81.0482

■ 29.6603, 27.0048,
7.4552

■ 61.6600, 65.6730,
96.2147

■ 28.2018, 24.7001,
5.0814

■ 65.3507, 70.6676,
104.8036

■ 26.9876, 22.6374,
3.5498

■ 67.6624, 75.2908,
105.5741

■ 25.9838, 20.8136,
2.6479

■ 70.0883, 80.1427,
106.3828

■ 72.6301, 85.2264,
107.2301

Harmonies

Analogous

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



43.3711, 42.5582, 37.7513



41.3247, 42.5582, 35.3147



39.1158, 42.5582, 35.6237

Triad

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



41.3247, 42.5582, 35.3147



36.5119, 42.5582, 50.3118



43.7412, 42.5582, 54.9996

Complementary

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



41.3247, 42.5582, 35.3147



35.9503, 38.2579, 53.6341

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.



41.8148, 42.5582, 59.0118



41.3247, 42.5582, 35.3147



37.6637, 42.5582, 56.1384

Square

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



41.3247, 42.5582, 35.3147



36.3916, 42.5582, 43.8964



39.5883, 42.5582, 59.4467



44.8001, 42.5582, 48.8698

Rectangle

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



41.3247, 42.5582, 35.3147



37.8469, 42.5582, 37.3506



39.5883, 42.5582, 59.4467



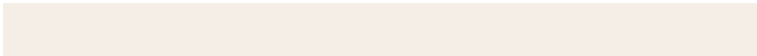
43.1704, 42.5582, 56.6640

Sweetspot

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



41.3258, 42.5601, 35.3156



82.5268, 86.3794, 87.2687



39.1305, 35.7835, 41.9397



17.6560, 18.4689, 18.5038



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.



41.3258, 42.5601, 35.3156



71.6614, 73.3377, 56.8598



44.3019, 49.2073, 36.4418



9.9555, 10.3870, 10.0568



17.5598, 14.1584, 1.8073



0.7522, 0.6834, 0.0923

Inverse Universe

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



35.9503, 38.2579, 53.6341



60.3374, 64.2756, 95.4525



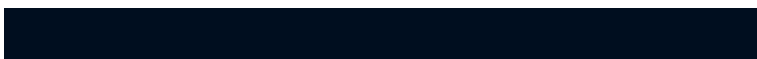
33.3705, 32.5705, 52.6723



9.3583, 9.9090, 12.0916



8.4152, 6.9422, 33.2893



0.3949, 0.4025, 1.3257

Previews

White Background



This preview shows how the XYZ color 41.3247, 42.5582, 35.3147 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 41.3247, 42.5582, 35.3147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

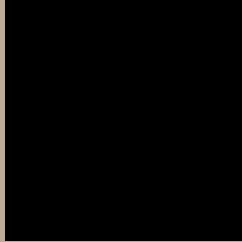
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.3247, 42.5582, 35.3147

Background



This preview shows how black text looks on a background with the XYZ color 41.3247, 42.5582, 35.3147.



This preview shows how white text looks on a background with the XYZ color 41.3247, 42.5582,

35.3147.

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

41.3247, 42.5582, 35.3147

Protanopia

40.3320, 42.6064, 35.8039

Deuteranopia

43.4895, 42.5516, 35.6269



Tritanopia

44.3354, 42.6789, 49.6172

Trichromacy



Original Color

41.3247, 42.5582, 35.3147

Protanomaly

40.6186, 42.4684, 35.7622

Deuteranomaly

42.6204, 42.3787, 35.6393

Tritanomaly

43.1819, 42.4847, 43.9546

Monochromacy



Original Color

41.3247, 42.5582, 35.3147

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.8414, 42.7286, 42.1713

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3247, 42.5582, 35.3147 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, 172, 151)` looks like.

```
.text, #text, p{  
    color:rgb(189, 172, 151)  
}
```

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, 172, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 172, 151) }
```

Border

The CSS property to change the border of an element to XYZ 41.3247, 42.5582, 35.3147 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, 172, 151) }
```


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

```
.border{ border-color:rgb(189, 172, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 172, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 172, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 172, 151);  
box-shadow:4px 4px 4px 4px rgb(189, 172,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3247, 42.5582, 35.3147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 172, 151) }
```

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

```
.background{ background-color: rgb(189,  
172, 151) }
```

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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