

Converting Colors

XYZ(41.2608, 42.5870, 36.2831)

Have a look what the booklet for
XYZ(41.2608, 42.5870, 36.2831)
contains.

XYZ(41.2413, 42.4963, 36.1660)	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(41.2413, 42.4963,
36.1660)**

Conversions

Conversions Part 1

Format	Color
Hex	BCAC99
RGB	188, 172, 153
RGB Percent	74%, 67%, 60%
CMY	0.2627, 0.3255, 0.4000
CMYK	0.00, 0.09, 0.19, 0.26
HSL	33°, 21%, 67%
HSV	33°, 19%, 74%
XYZ	41.2413, 42.4963, 36.1660
YIQ	174.6180, 15.6350, -2.5170

Conversions

Conversions Part 2

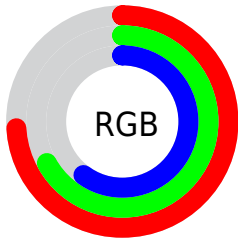
Format	Color
RYB	182, 188, 153
Decimal	12364953
CIELab	71.21, 2.62, 11.86
CIELCh	71, 12.142, 77.548
Yxy	42.4963, 0.3440, 0.3544
Android (android.graphics.Color)	4290555033 (0xFFBCAC99)
YUV	174.6180, -10.6577, 11.7360
Hunter-Lab	65.1892, -1.1548, 12.7392

Details

The XYZ color **41.2413, 42.4963, 36.1660** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.4017, 38.7782, 53.1435**, and the grayscale version is **40.5987, 42.7130, 46.5145**.

A 20% lighter version of the original color is **76.0398, 78.6763, 70.2098**, and **18.9463, 19.4606, 15.3281** is the 20% darker color. If you saturate the color by 10%, you get **38.2268, 38.7594, 28.0945**, and if you desaturate by 10%, it is **44.6085, 46.5464, 45.5631**.

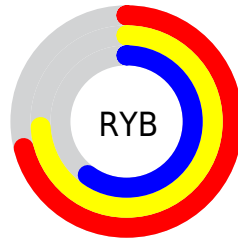
Distribution



Red (74%)

Green (67%)

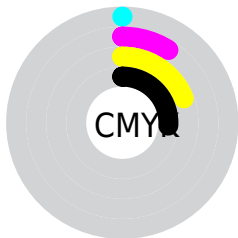
Blue (60%)



Red (71%)

Yellow (74%)

Blue (60%)

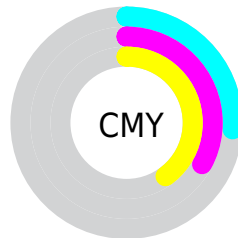


Cyan (0%)

Magenta (9%)

Yellow (19%)

Black (26%)



Cyan (26%)


Magenta (33%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.2413, 42.4963, 36.1660 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 41.2413, 42.4963, 36.1660 by changing the saturation by 10% instead.


 41.2413, 42.4963,
36.1660


 41.2413, 42.4963,
36.1660


342.3735,
356.5362, 344.7448

 28.6962, 29.4901,
24.2717


 76.3225, 78.9502,
70.4601

 18.9942, 19.4519,
15.3212


 99.5892, 103.1667,
93.6971

 11.7701, 11.9973,
8.8960


127.1605,
131.8888, 121.5520

 6.6584, 6.7418,
4.5775

159.4018,
165.5008, 154.4434

 3.2938, 3.3012,
1.9472

196.6784,
204.3871, 192.7898

 1.3110, 1.2909,
0.5225

239.3556,

 0.1914, 0.1341,

248.9322, 237.0099

0.0000

287.7989,
299.5204, 287.5220

■ 0.0000, 0.0000,
0.0000

■ 41.2413, 42.4963,
36.1660

■ 41.2413, 42.4963,
36.1660

■ 38.2268, 38.7594,
28.0945

■ 44.6085, 46.5464,
45.5631

■ 35.5482, 35.3214,
21.2851

■ 48.3376, 50.9121,
56.3400

■ 33.1923, 32.1752,
15.6731

■ 52.4417, 55.6031,
68.5511

■ 31.1435, 29.3112,
11.1866

■ 56.9321, 60.6268,
82.2471

■ 29.3846, 26.7191,
7.7464

■ 61.8197, 65.9905,
97.4762

■ 27.8964, 24.3877,
5.2625

■ 65.3262, 70.9856,
104.8663

■ 26.6568, 22.3043,
3.6293

■ 67.6881, 75.7094,
105.6536

■ 25.6302, 20.4507,
2.6712

■ 70.1683, 80.6698,
106.4803

■ 25.4981, 20.2094,
2.5569

■ 72.7685, 85.8701,
107.3470

Harmonies

Analogous

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



43.0913, 42.4963, 38.4835



41.2413, 42.4963, 36.1660



39.2228, 42.4963, 36.3853

Triad

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



41.2413, 42.4963, 36.1660



36.7734, 42.4963, 49.7338



43.3487, 42.4963, 54.2571

Complementary

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



41.2413, 42.4963, 36.1660



36.4017, 38.7782, 53.1435

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.



41.5831, 42.4963, 57.8030



41.2413, 42.4963, 36.1660



37.8068, 42.4963, 55.0445

Square

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



41.2413, 42.4963, 36.1660



36.6888, 42.4963, 43.8961



39.5534, 42.4963, 58.1026



44.3352, 42.4963, 48.7306

Rectangle

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



41.2413, 42.4963, 36.1660



38.0528, 42.4963, 37.9408



39.5534, 42.4963, 58.1026



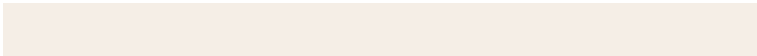
42.8240, 42.4963, 55.7396

Sweetspot

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



41.2424, 42.4982, 36.1669



82.4850, 86.2958, 87.2547



39.3235, 36.3515, 42.6448



17.6461, 18.4491, 18.5005



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.



41.2424, 42.4982, 36.1669



72.6263, 74.4197, 59.7945



44.1861, 48.8104, 37.2301



9.9477, 10.3715, 10.0542



17.4355, 13.9098, 1.7659



0.7476, 0.6742, 0.0907

Inverse Universe

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



36.4017, 38.7782, 53.1435



62.3655, 66.5350, 95.7817



33.8271, 33.3003, 52.2219



9.3660, 9.9244, 12.0942



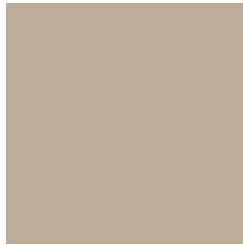
8.5142, 7.1401, 33.3223



0.3989, 0.4105, 1.3271

Previews

White Background



This preview shows how the XYZ color 41.2413, 42.4963, 36.1660 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 41.2413, 42.4963, 36.1660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

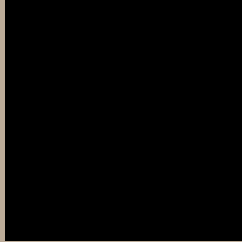
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2413, 42.4963, 36.1660

Background



This preview shows how black text looks on a background with the XYZ color 41.2413, 42.4963, 36.1660.



This preview shows how white text looks on a background with the XYZ color 41.2413, 42.4963,

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

41.2413, 42.4963, 36.1660

Protanopia

40.2602, 42.5503, 36.6629

Deuteranopia

43.3886, 42.4805, 36.4846



Tritanopia

44.0813, 42.5479, 49.6053

Trichromacy



Original Color

41.2413, 42.4963, 36.1660

Protanomaly

40.5435, 42.4106, 36.6210

Deuteranomaly

42.5264, 42.3111, 36.4973

Tritanomaly

43.0245, 42.3926, 44.4430

Monochromacy



Original Color

41.2413, 42.4963, 36.1660

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.9335, 42.7654, 42.6563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2413, 42.4963, 36.1660 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(188, 172, 153)` looks like.

```
.text, #text, p{  
    color:rgb(188, 172, 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(188, 172, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 172, 153) }
```

Border

The CSS property to change the border of an element to XYZ 41.2413, 42.4963, 36.1660 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(188, 172, 153) }
```


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

```
.border{ border-color:rgb(188, 172, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 172, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 172, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 172, 153);  
box-shadow:4px 4px 4px 4px rgb(188, 172,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2413, 42.4963, 36.1660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 172, 153) }
```

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

```
.background{ background-color: rgb(188,  
172, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor