

Converting Colors

XYZ(42.8104, 46.2281, 37.2384)

Have a look what the booklet for
XYZ(42.8104, 46.2281, 37.2384)
contains.

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Color

**XYZ(42.8104, 46.2281,
37.2384)**

Conversions

Conversions Part 1

Format	Color
Hex	BAB69A
RGB	186, 182, 154
RGB Percent	73%, 71%, 60%
CMY	0.2706, 0.2863, 0.3961
CMYK	0.00, 0.02, 0.17, 0.27
HSL	53°, 19%, 67%
HSV	53°, 17%, 73%
XYZ	42.8104, 46.2281, 37.2384
YIQ	180.0040, 11.3720, -7.8600

Conversions

Conversions Part 2

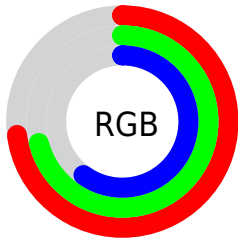
Format	Color
RYB	159, 186, 154
Decimal	12236442
CIELab	73.69, -3.34, 14.78
CIELCh	74, 15.151, 102.724
Yxy	46.2281, 0.3390, 0.3661
Android (android.graphics.Color)	4290426522 (0xFFBAB69A)
YUV	180.0040, -12.8200, 5.2585
Hunter-Lab	67.9912, -6.5929, 15.1211

Details

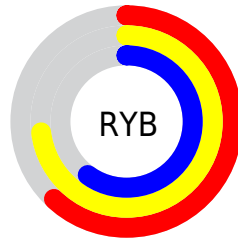
The XYZ color **42.8104, 46.2281, 37.2384** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.4161, 34.8682, 51.3711**, and the grayscale version is **43.4480, 45.7106, 49.7789**.

A 20% lighter version of the original color is **78.5777, 84.5804, 71.8587**, and **19.9713, 21.6663, 15.9614** is the 20% darker color. If you saturate the color by 10%, you get **40.9085, 44.7140, 29.5447**, and if you desaturate by 10%, it is **44.9628, 47.8581, 46.2010**.

Distribution



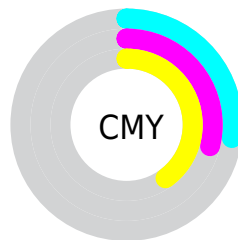
- Red (73%)
- Green (71%)
- Blue (60%)



- Red (62%)
- Yellow (73%)
- Blue (60%)



- Cyan (0%)
- Magenta (2%)
- Yellow (17%)
- Black (27%)



- Cyan (27%)
- Magenta (29%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.8104, 46.2281, 37.2384 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 42.8104, 46.2281, 37.2384 by changing the saturation by 10% instead.

■ 42.8104, 46.2281,
37.2384

■ 42.8104, 46.2281,
37.2384

348.7662,
371.7249, 349.5412

■ 29.9303, 32.4259,
25.0949

■ 78.6822, 84.5603,
72.1297

■ 19.9335, 21.6870,
15.9281

■ 102.4045,
109.8590, 95.7146

■ 12.4547, 13.6271,
9.3195

130.4716,
139.7586, 123.9504

■ 7.1285, 7.8618,
4.8505

163.2488,
174.6436, 157.2555

■ 3.5896, 4.0066,
2.1026

201.1016,
214.8984, 196.0487

■ 1.4727, 1.6773,
0.6173

244.3951,

■ 0.3072, 0.4089,

260.9072, 240.7483

0.0000

293.4949,
313.0546, 291.7730

■ 0.0000, 0.0000,
0.0000

■ 42.8104, 46.2281,
37.2384

■ 42.8104, 46.2281,
37.2384

■ 40.9085, 44.7140,
29.5447

■ 44.9628, 47.8581,
46.2010

■ 39.2423, 43.3053,
23.0589

■ 47.3722, 49.6020,
56.4840

■ 37.8011, 41.9990,
17.7194

■ 50.0498, 51.4660,
68.1393

■ 36.5719, 40.7900,
13.4581

■ 53.0046, 53.4536,
81.2155

■ 35.5403, 39.6724,
10.1994

■ 56.2456, 55.5686,
95.7585

■ 34.6902, 38.6397,
7.8582

■ 58.0265, 57.1125,
102.5732

■ 34.0027, 37.6843,
6.3350

■ 58.5543, 58.1681,
102.7492

■ 33.4508, 36.7954,
5.4885

■ 59.0902, 59.2400,
102.9278

■ 33.3069, 36.5532,
5.3000

■ 59.6344, 60.3282,
103.1092

Harmonies

Analogous

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



45.4905, 46.2281, 37.4877



42.8104, 46.2281, 37.2384



40.5259, 46.2281, 40.2294

Triad

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



42.8104, 46.2281, 37.2384



40.2516, 46.2281, 61.0543



49.0582, 46.2281, 54.8573

Complementary

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



42.8104, 46.2281, 37.2384



34.4161, 34.8682, 51.3711

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.



47.5373, 46.2281, 62.0043



42.8104, 46.2281, 37.2384



42.4221, 46.2281, 65.8247

Square

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



42.8104, 46.2281, 37.2384



39.0896, 46.2281, 53.6640



45.0861, 46.2281, 66.1891



49.1725, 46.2281, 47.1457

Rectangle

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



42.8104, 46.2281, 37.2384



39.5050, 46.2281, 43.8543



45.0861, 46.2281, 66.1891



48.6917, 46.2281, 57.4236

Sweetspot

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



42.8116, 46.2301, 37.2394



82.3837, 87.3977, 87.4915



38.0004, 36.0287, 37.4202



18.0767, 19.1983, 18.9895



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.



42.8116, 46.2301, 37.2394



76.1153, 82.6315, 61.4461



40.9072, 46.4807, 37.3881



9.6519, 10.3068, 9.5876



22.4452, 24.6667, 3.5782



0.8183, 0.9236, 0.1352

Inverse Universe

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



34.4161, 34.8682, 51.3711



57.7780, 57.8162, 92.3158



36.0891, 34.7352, 51.2572



8.6091, 8.8954, 11.3427



6.2028, 2.8653, 31.4792



0.2482, 0.1601, 1.1196

Previews

White Background



This preview shows how the XYZ color 42.8104, 46.2281, 37.2384 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 42.8104, 46.2281, 37.2384 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

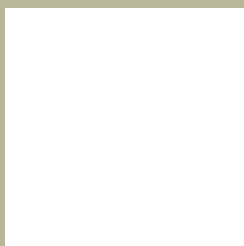
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.8104, 46.2281, 37.2384

Background



This preview shows how black text looks on a background with the XYZ color 42.8104, 46.2281, 37.2384.



This preview shows how white text looks on a background with the XYZ color 42.8104, 46.2281,

37.2384.

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

42.8104, 46.2281, 37.2384

Protanopia

43.7595, 46.4240, 36.7914

Deuteranopia

47.1492, 46.0823, 37.8622



Tritanopia

46.6120, 46.2822, 55.7669

Trichromacy



Original Color

42.8104, 46.2281, 37.2384

Protanomaly

43.2599, 46.1665, 36.7680

Deuteranomaly

45.4580, 46.0902, 37.5108

Tritanomaly

45.1422, 46.2734, 48.6719

Monochromacy



Original Color

42.8104, 46.2281, 37.2384

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.1660, 45.9331, 45.1190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8104, 46.2281, 37.2384 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(186, 182, 154)` looks like.

```
.text, #text, p{  
    color:rgb(186, 182, 154)  
}
```

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(186, 182, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 182, 154) }
```

Border

The CSS property to change the border of an element to XYZ 42.8104, 46.2281, 37.2384 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(186, 182, 154) }
```


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

```
.border{ border-color:rgb(186, 182, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 182, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 182, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 182, 154);  
box-shadow:4px 4px 4px 4px rgb(186, 182,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8104, 46.2281, 37.2384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 182, 154) }
```

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

```
.background{ background-color: rgb(186,  
182, 154) }
```

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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