

Converting Colors

XYZ(40.8414, 48.1350, 30.6216)

Have a look what the booklet for
XYZ(40.8414, 48.1350, 30.6216)
contains.

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Color

**XYZ(40.8254, 48.1817,
30.8152)**

Conversions

Conversions Part 1

Format	Color
Hex	AFBF89
RGB	175, 191, 137
RGB Percent	69%, 75%, 54%
CMY	0.3137, 0.2510, 0.4627
CMYK	0.08, 0.00, 0.28, 0.25
HSL	78°, 30%, 64%
HSV	78°, 28%, 75%
XYZ	40.8254, 48.1817, 30.8152
YIQ	180.0600, 7.7980, -20.1860

Conversions

Conversions Part 2

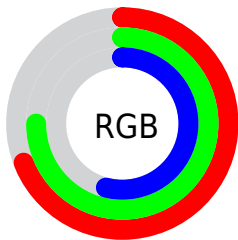
Format	Color
RYB	137, 191, 153
Decimal	11517833
CIELab	74.94, -14.73, 25.48
CIELCh	75, 29.431, 120.024
Yxy	48.1817, 0.3407, 0.4021
Android (android.graphics.Color)	4289707913 (0xFFAFBF89)
YUV	180.0600, -21.2286, -4.4376
Hunter-Lab	69.4130, -16.4877, 22.2679

Details

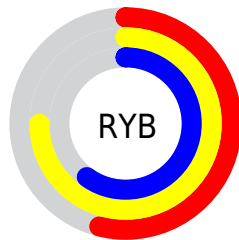
The XYZ color **40.8254, 48.1817, 30.8152** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.4884, 28.4265, 53.1201**, and the grayscale version is **43.5232, 45.7898, 49.8651**.

A 20% lighter version of the original color is **75.6197, 87.2720, 62.1498**, and **18.8348, 23.0027, 12.4641** is the 20% darker color. If you saturate the color by 10%, you get **38.3312, 47.0419, 24.1686**, and if you desaturate by 10%, it is **43.6179, 49.4502, 38.7439**.

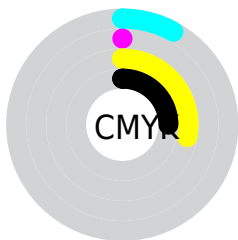
Distribution



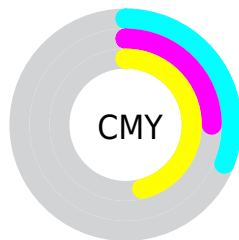
- Red (69%)
- Green (75%)
- Blue (54%)



- Red (54%)
- Yellow (75%)
- Blue (60%)



- Cyan (8%)
- Magenta (0%)
- Yellow (28%)
- Black (25%)



- Cyan (31%)
- Magenta (25%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.8254, 48.1817, 30.8152 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 40.8254, 48.1817, 30.8152 by changing the saturation by 10% instead.

■ 40.8254, 48.1817,
30.8152

■ 40.8254, 48.1817,
30.8152

340.6654,
379.5119, 320.0108

■ 28.3697, 33.9708,
20.2009

■ 75.6952, 87.4749,
62.0252

■ 18.7464, 22.8712,
12.3556

■ 98.8400, 113.3259,
83.4579

■ 11.5901, 14.4984,
6.8609

■ 126.2786,
143.8259, 109.3339

■ 6.5354, 8.4681,
3.2981

158.3763,
179.3590, 140.0716

■ 3.2170, 4.3959,
1.2488

195.4984,
220.3098, 176.0896

■ 1.2696, 1.8974,
0.0193

238.0105,

■ 0.1603, 0.5468,

267.0626, 217.8064

0.0000

286.2777,
320.0018, 265.6407

■ 0.0000, 0.0000,
0.0000

■ 40.8254, 48.1817,
30.8152

■ 40.8254, 48.1817,
30.8152

■ 38.3312, 47.0419,
24.1686

■ 43.6179, 49.4502,
38.7439

■ 36.1182, 46.0191,
18.7335

■ 46.7175, 50.8461,
48.0140

■ 34.1731, 45.1094,
14.4374

■ 50.1372, 52.3764,
58.6848

■ 32.4795, 44.3063,
11.1987

■ 53.8880, 54.0455,
70.8114

■ 31.0194, 43.6024,
8.9250

■ 57.9803, 55.8576,
84.4456

■ 29.7714, 42.9891,
7.5080

■ 62.4241, 57.8168,
99.6369

■ 28.7024, 42.4531,
6.7762

■ 64.5958, 58.8738,
102.5670

■ 28.5272, 42.3648,
6.6737

■ 66.2832, 59.7437,
102.6459

■ 68.0286, 60.6435,
102.7276

Harmonies

Analogous

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



45.7910, 48.1817, 28.1177



40.8254, 48.1817, 30.8152



37.4284, 48.1817, 39.0422

Triad

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



40.8254, 48.1817, 30.8152



40.8322, 48.1817, 82.4386



56.9045, 48.1817, 52.4495

Complementary

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



40.8254, 48.1817, 30.8152



31.4884, 28.4265, 53.1201

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.



55.3245, 48.1817, 68.6499



40.8254, 48.1817, 30.8152



45.7995, 48.1817, 87.8962

Square

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



40.8254, 48.1817, 30.8152



37.4321, 48.1817, 68.6751



51.1529, 48.1817, 82.4221



55.3196, 48.1817, 39.0248

Rectangle

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



40.8254, 48.1817, 30.8152



36.3687, 48.1817, 47.5083



51.1529, 48.1817, 82.4221



56.7244, 48.1817, 57.7479

Sweetspot

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



40.8266, 48.1838, 30.8162



83.7524, 91.0993, 86.2501



37.2799, 35.4380, 28.5430



18.1972, 19.9174, 18.3477



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.



40.8266, 48.1838, 30.8162



70.2564, 84.9863, 47.4694



35.4875, 45.4314, 30.5664



10.0394, 10.9747, 10.1658



18.8305, 27.8834, 4.3896



0.8002, 1.1245, 0.1749

Inverse Universe

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



31.4884, 28.4265, 53.1201



50.7663, 43.7341, 94.0450



37.0111, 31.2736, 53.3786



9.2751, 9.3587, 11.9898



7.3457, 3.0729, 32.5989



0.3556, 0.1554, 1.2801

Previews

White Background



This preview shows how the XYZ color 40.8254, 48.1817, 30.8152 looks on a white background.

Color Contrast Check

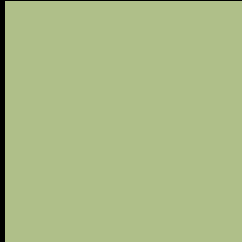
Large Text (above 18pt) WCAG AA × Fail

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 40.8254, 48.1817, 30.8152 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

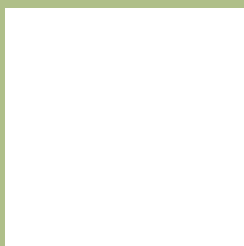
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.8254, 48.1817, 30.8152

Background



This preview shows how black text looks on a background with the XYZ color 40.8254, 48.1817, 30.8152.



This preview shows how white text looks on a background with the XYZ color 40.8254, 48.1817,

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

40.8254, 48.1817, 30.8152

Protanopia

44.7323, 48.0080, 29.4631

Deuteranopia

49.0710, 48.0894, 31.5068



Tritanopia

46.6550, 48.0115, 60.2342

Trichromacy



Original Color

40.8254, 48.1817, 30.8152

Protanomaly

43.3787, 48.2371, 29.9461

Deuteranomaly

45.7453, 47.8765, 31.2562

Tritanomaly

44.2178, 47.9557, 48.0001

Monochromacy



Original Color

40.8254, 48.1817, 30.8152

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.2014, 46.4263, 41.8589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8254, 48.1817, 30.8152 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(175, 191, 137)` looks like.

```
.text, #text, p{  
    color:rgb(175, 191, 137)  
}
```

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(175, 191, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 191, 137) }
```

Border

The CSS property to change the border of an element to XYZ 40.8254, 48.1817, 30.8152 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(175, 191, 137) }
```


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

```
.border{ border-color:rgb(175, 191, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 191, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 191, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 191, 137);  
box-shadow:4px 4px 4px 4px rgb(175, 191,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8254, 48.1817, 30.8152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 191, 137) }
```

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

```
.background{ background-color: rgb(175,  
191, 137) }
```

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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