

Converting Colors

XYZ(46.9488, 47.4716, 60.4486)

Have a look what the booklet for
XYZ(46.9488, 47.4716, 60.4486)
contains.

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Color

**XYZ(47.0824, 47.6104,
60.7410)**

Conversions

Conversions Part 1

Format	Color
Hex	BAB5C7
RGB	186, 181, 199
RGB Percent	73%, 71%, 78%
CMY	0.2706, 0.2902, 0.2196
CMYK	0.07, 0.09, 0.00, 0.22
HSL	257°, 14%, 75%
HSV	257°, 9%, 78%
XYZ	47.0824, 47.6104, 60.7410
YIQ	184.5470, -2.7980, 6.6580

Conversions

Conversions Part 2

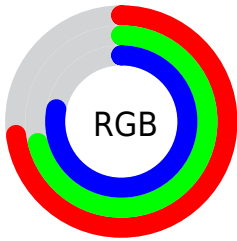
Format	Color
R_{YB}	186, 181, 199
Decimal	12236231
CIE _{Lab}	74.58, 5.19, -8.47
CIE _{LCh}	75, 9.936, 301.515
Yxy	47.6104, 0.3029, 0.3063
Android (android.graphics.Color)	4290426311 (0xFFBAB5C7)
YUV	184.5470, 7.1253, 1.2743
Hunter-Lab	69.0003, 1.0491, -3.8928

Details

The XYZ color **47.0824, 47.6104, 60.7410** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.0138, 55.6536, 51.7719**, and the grayscale version is **45.8267, 48.2132, 52.5042**.

A 20% lighter version of the original color is **84.9521, 86.6656, 106.8584**, and **22.5029, 22.4692, 29.9390** is the 20% darker color. If you saturate the color by 10%, you get **40.0036, 38.3783, 59.3329**, and if you desaturate by 10%, it is **55.0933, 58.1836, 62.3603**.

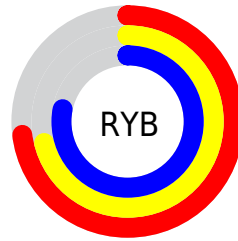
Distribution



Red (73%)

Green (71%)

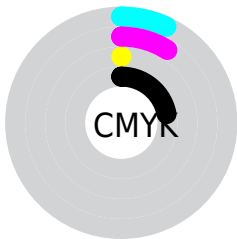
Blue (78%)



Red (73%)

Yellow (71%)

Blue (78%)

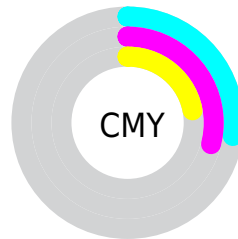


Cyan (7%)

Magenta (9%)

Yellow (0%)

Black (22%)



Cyan (27%)

Magenta (29%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.0824, 47.6104, 60.7410 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 47.0824, 47.6104, 60.7410 by changing the saturation by 10% instead.

■ 47.0824, 47.6104,
60.7410

■ 47.0824, 47.6104,
60.7410

365.7868,
377.2458, 445.2040

■ 33.3090, 33.5185,
43.5870

■ 85.0546, 86.6240,
107.4577

■ 22.5236, 22.5239,
30.0111

109.9841,
112.3145, 137.8575

■ 14.3609, 14.2424,
19.5949

139.3631,
142.6400, 173.5096

■ 8.4555, 8.2894,
11.9198

173.5568,
177.9848, 214.8325

■ 4.4420, 4.2807,
6.5672

212.9307,
218.7334, 262.2449

■ 1.9551, 1.8318,
3.1186

257.8501,

■ 0.6086, 0.5069,

265.2702, 316.1653

1.1555

308.6803,
317.9795, 377.0121

■ 0.0000, 0.0000,
0.0000

■ 47.0824, 47.6104,
60.7410

■ 47.0824, 47.6104,
60.7410

■ 40.0036, 38.3783,
59.3329

■ 55.0933, 58.1836,
62.3603

■ 33.8180, 30.4272,
58.1241

■ 64.0649, 70.1427,
64.1958

■ 28.4900, 23.7012,
57.1067

■ 74.0298, 83.5380,
66.2562

■ 23.9801, 18.1380,
56.2706

■ 83.2035, 94.7872,
67.9440

■ 20.2453, 13.6697,
55.6050

■ 87.3089, 96.9036,
68.1361

■ 17.2386, 10.2213,
55.0978

■ 14.9074, 7.7077,
54.7355

■ 13.1911, 6.0298,
54.5021

■ 11.9961, 5.0240,
54.3710

Harmonies

Analogous

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



45.3436, 47.6104, 62.3736



47.0824, 47.6104, 60.7410



48.3575, 47.6104, 56.7035

Triad

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



47.0824, 47.6104, 60.7410



46.9202, 47.6104, 43.6198



41.8855, 47.6104, 52.1016

Complementary

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



47.0824, 47.6104, 60.7410



51.0138, 55.6536, 51.7719

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.



42.2829, 47.6104, 47.2621



47.0824, 47.6104, 60.7410



45.1610, 47.6104, 42.5639

Square

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



47.0824, 47.6104, 60.7410



48.2621, 47.6104, 46.8375



43.4702, 47.6104, 43.8534



42.3703, 47.6104, 57.1858

Rectangle

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



47.0824, 47.6104, 60.7410



48.7562, 47.6104, 53.3134



43.4702, 47.6104, 43.8534



41.9203, 47.6104, 50.3932

Sweetspot

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



47.0838, 47.6124, 60.7420



90.6541, 94.1828, 108.0089



48.7028, 52.6214, 61.6236



19.1578, 19.8343, 23.0686



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



47.0838, 47.6124, 60.7420



79.6802, 79.7486, 105.8012



49.2882, 48.7488, 60.8452



10.3286, 10.4276, 13.3859



7.7250, 3.2166, 34.9581



0.4380, 0.1895, 1.6586

Inverse Universe

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



49.8163, 49.0870, 57.8904



85.5165, 82.8993, 99.6606



48.8214, 54.5234, 51.6693



10.9526, 10.7644, 12.7337



18.4083, 9.1129, 17.8920



0.9012, 0.4433, 1.0029

Previews

White Background



This preview shows how the XYZ color 47.0824, 47.6104, 60.7410 looks on a white background.

Color Contrast Check

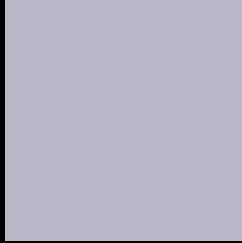
Large Text (above 18pt) WCAG AA × Fail

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 47.0824, 47.6104, 60.7410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

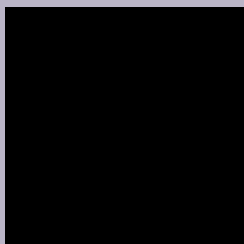
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.0824, 47.6104, 60.7410

Background



This preview shows how black text looks on a background with the XYZ color 47.0824, 47.6104, 60.7410.



This preview shows how white text looks on a background with the XYZ color 47.0824, 47.6104,

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

47.0824, 47.6104, 60.7410

Protanopia

46.4447, 47.5711, 61.3778

Deuteranopia

48.5939, 47.4803, 61.2470



Tritanopia

46.6993, 47.7557, 58.9810

Trichromacy



Original Color

47.0824, 47.6104, 60.7410

Protanomaly

46.6817, 47.6933, 61.3889

Deuteranomaly

48.0313, 47.4867, 61.2779

Tritanomaly

46.8136, 47.8014, 59.5826

Monochromacy



Original Color

47.0824, 47.6104, 60.7410

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.4423, 48.3130, 55.5928

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0824, 47.6104, 60.7410 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, 181, 199)` looks like.

```
.text, #text, p{  
    color:rgb(186, 181, 199)  
}
```

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, 181, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 181, 199) }
```

Border

The CSS property to change the border of an element to XYZ 47.0824, 47.6104, 60.7410 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, 181, 199) }
```


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

```
.border{ border-color:rgb(186, 181, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 181, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 181, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 181, 199);  
box-shadow:4px 4px 4px 4px rgb(186, 181,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0824, 47.6104, 60.7410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 181, 199) }
```

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

```
.background{ background-color: rgb(186,  
181, 199) }
```

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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