

Converting Colors

XYZ(47.6994, 47.8503, 58.7823)

Have a look what the booklet for
XYZ(47.6994, 47.8503, 58.7823)
contains.

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Color

**XYZ(47.7229, 47.9804,
58.9704)**

Conversions

Conversions Part 1

Format	Color
Hex	BEB5C4
RGB	190, 181, 196
RGB Percent	75%, 71%, 77%
CMY	0.2549, 0.2902, 0.2314
CMYK	0.03, 0.08, 0.00, 0.23
HSL	276°, 11%, 74%
HSV	276°, 8%, 77%
XYZ	47.7229, 47.9804, 58.9704
YIQ	185.4010, 0.5490, 6.5730

Conversions

Conversions Part 2

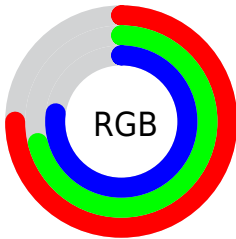
Format	Color
R_{YB}	190, 181, 196
Decimal	12498372
CIE _{Lab}	74.81, 5.97, -6.45
CIE _{LCh}	75, 8.791, 312.784
Yxy	47.9804, 0.3085, 0.3102
Android (android.graphics.Color)	4290688452 (0xFFBEB5C4)
YUV	185.4010, 5.2253, 4.0333
Hunter-Lab	69.2679, 1.7608, -1.9883

Details

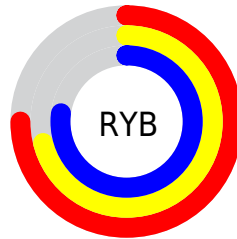
The XYZ color **47.7229, 47.9804, 58.9704** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.5756, 53.3821, 51.4620**, and the grayscale version is **46.3101, 48.7219, 53.0581**.

A 20% lighter version of the original color is **86.0198, 87.2531, 105.2363**, and **22.9182, 22.7097, 28.7667** is the 20% darker color. If you saturate the color by 10%, you get **42.1089, 39.5815, 57.6459**, and if you desaturate by 10%, it is **54.0058, 57.5591, 60.4889**.

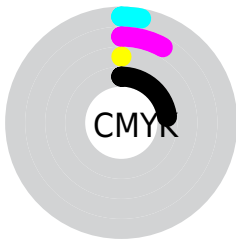
Distribution



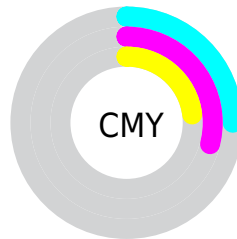
- Red (75%)
- Green (71%)
- Blue (77%)



- Red (75%)
- Yellow (71%)
- Blue (77%)



- Cyan (3%)
- Magenta (8%)
- Yellow (0%)
- Black (23%)



- Cyan (25%)
- Magenta (29%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.7229, 47.9804, 58.9704 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 47.7229, 47.9804, 58.9704 by changing the saturation by 10% instead.

■ 47.7229, 47.9804,
58.9704

■ 47.7229, 47.9804,
58.9704

368.2936,
378.7144, 438.4910

■ 33.8178, 33.8114,
42.1694

■ 86.0039, 87.1752,
104.8633

■ 22.9159, 22.7487,
28.9074

111.1105,
112.9698, 134.7924

■ 14.6518, 14.4081,
18.7658

140.6817,
143.4083, 169.9346

■ 8.6601, 8.4050,
11.3261

175.0828,
178.8753, 210.7084

■ 4.5755, 4.3552,
6.1697

214.6792,
219.7549, 257.5324

■ 2.0326, 1.8742,
2.8781

259.8362,

■ 0.6522, 0.5328,

266.4317, 310.8252

1.0327

310.9193,
319.2901, 371.0052

■ 0.0000, 0.0000,
0.0000

■ 47.7229, 47.9804,
58.9704

■ 47.7229, 47.9804,
58.9704

■ 42.1089, 39.5815,
57.6459

■ 54.0058, 57.5591,
60.4889

■ 37.1346, 32.3087,
56.5043

■ 60.9768, 68.3561,
62.2055

■ 32.7748, 26.1135,
55.5382

■ 68.6597, 80.4156,
64.1283

■ 29.0010, 20.9413,
54.7388

■ 75.6544, 90.9353,
65.7901

■ 25.7821, 16.7324,
54.0961

■ 78.1033, 92.1978,
65.9047

■ 23.0837, 13.4210,
53.5991

■ 80.6653, 93.5185,
66.0246

■ 20.8672, 10.9326,
53.2356

■ 83.3417, 94.8983,
66.1499

■ 19.0877, 9.1802,
52.9912

■ 86.1341, 96.3378,
66.2805

■ 17.6809, 8.0380,
52.8448

■ 86.9639, 96.7656,
66.3194

Harmonies

Analogous

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



46.2872, 47.9804, 61.3023



47.7229, 47.9804, 58.9704



48.6022, 47.9804, 54.8905

Triad

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



47.7229, 47.9804, 58.9704



46.5194, 47.9804, 44.2800



42.6727, 47.9804, 54.2139

Complementary

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



47.7229, 47.9804, 58.9704



48.5756, 53.3821, 51.4620

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.



42.7316, 47.9804, 49.6811



47.7229, 47.9804, 58.9704



44.9274, 47.9804, 44.1224

Square

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



47.7229, 47.9804, 58.9704



47.8963, 47.9804, 46.4906



43.5486, 47.9804, 46.0468



43.3859, 47.9804, 58.4503

Rectangle

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



47.7229, 47.9804, 58.9704



48.7422, 47.9804, 51.8163



43.5486, 47.9804, 46.0468



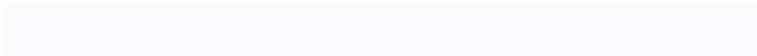
42.6034, 47.9804, 52.6711

Sweetspot

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



47.7243, 47.9825, 58.9714



92.6979, 96.4042, 108.3299



46.8451, 49.4580, 59.3026



19.8658, 20.6721, 23.1930



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.



47.7243, 47.9825, 58.9714



84.8631, 84.5214, 106.4492



49.1123, 48.7143, 58.2968



10.0948, 10.0400, 12.6907



11.2662, 5.0684, 33.9411



0.5628, 0.2582, 1.4701

Inverse Universe

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



48.2601, 48.3735, 53.8094



86.0225, 85.3661, 95.3438



47.2671, 52.6926, 52.0732



10.2364, 10.1432, 11.3354



15.5606, 7.9140, 5.5982



0.7064, 0.3556, 0.4211

Previews

White Background



This preview shows how the XYZ color 47.7229, 47.9804, 58.9704 looks on a white background.

Color Contrast Check

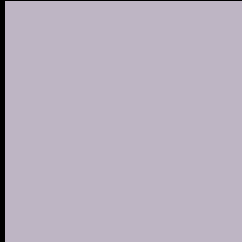
Large Text (above 18pt) WCAG AA × Fail

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 47.7229, 47.9804, 58.9704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

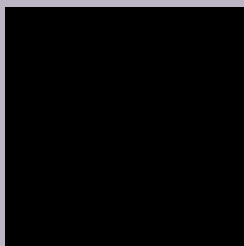
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.7229, 47.9804, 58.9704

Background



This preview shows how black text looks on a background with the XYZ color 47.7229, 47.9804, 58.9704.



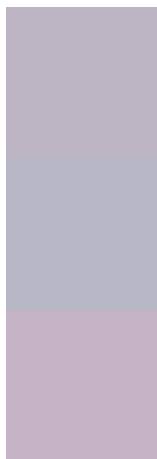
This preview shows how white text looks on a background with the XYZ color 47.7229, 47.9804,

58.9704.

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

47.7229, 47.9804, 58.9704

Protanopia

46.7787, 48.0885, 59.6398

Deuteranopia

48.8489, 47.9615, 58.9074



Tritanopia

47.6094, 47.9350, 58.3729

Trichromacy



Original Color

47.7229, 47.9804, 58.9704

Protanomaly

47.0557, 47.9262, 59.5939

Deuteranomaly

48.5332, 48.0974, 58.9503

Tritanomaly

47.6094, 47.9350, 58.3729

Monochromacy



Original Color

47.7229, 47.9804, 58.9704

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.8193, 48.5199, 55.0417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.7229, 47.9804, 58.9704 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(190, 181, 196)` looks like.

```
.text, #text, p{  
    color:rgb(190, 181, 196)  
}
```

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(190, 181, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 181, 196) }
```

Border

The CSS property to change the border of an element to XYZ 47.7229, 47.9804, 58.9704 is called "border". The border property can be set on classes, ids or directly on the HTML element.

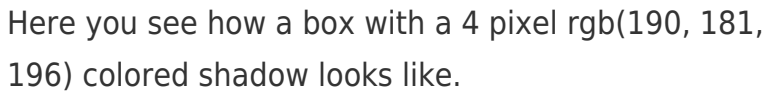
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(190, 181, 196) }
```


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

```
.border{ border-color:rgb(190, 181, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(190, 181, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 181, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 181, 196); box-shadow:4px 4px 4px 4px rgb(190, 181, 196) }
```

Background

The CSS property to change the background color of an element to XYZ 47.7229, 47.9804, 58.9704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 181, 196) }
```

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

```
.background{ background-color: rgb(190,  
181, 196) }
```

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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