

Converting Colors

XYZ(47.7703, 49.1851, 60.9485)

Have a look what the booklet for
XYZ(47.7703, 49.1851, 60.9485)
contains.

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Color

**XYZ(47.9075, 49.2605,
61.0161)**

Conversions

Conversions Part 1

Format	Color
Hex	BAB9C7
RGB	186, 185, 199
RGB Percent	73%, 73%, 78%
CMY	0.2706, 0.2745, 0.2196
CMYK	0.07, 0.07, 0.00, 0.22
HSL	244°, 11%, 75%
HSV	244°, 7%, 78%
XYZ	47.9075, 49.2605, 61.0161
YIQ	186.8950, -3.8980, 4.5660

Conversions

Conversions Part 2

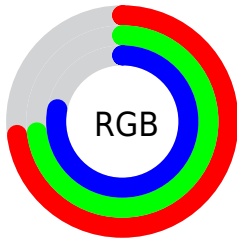
Format	Color
R _Y B	186, 185, 199
Decimal	12237255
CIE Lab	75.61, 3.03, -6.94
CIE LCh	76, 7.569, 293.616
Yxy	49.2605, 0.3029, 0.3114
Android (android.graphics.Color)	4290427335 (0xFFBAB9C7)
YUV	186.8950, 5.9678, -0.7849
Hunter-Lab	70.1858, -0.9845, -2.4137

Details

The XYZ color **47.9075, 49.2605, 61.0161** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.4708, 56.3567, 54.0137**, and the grayscale version is **47.1451, 49.6003, 54.0147**.

A 20% lighter version of the original color is **86.1232, 89.0078, 107.2488**, and **23.0350, 23.5334, 30.1164** is the 20% darker color. If you saturate the color by 10%, you get **39.8293, 39.3437, 59.5285**, and if you desaturate by 10%, it is **57.1520, 60.6463, 62.7273**.

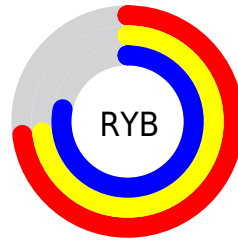
Distribution



Red (73%)

Green (73%)

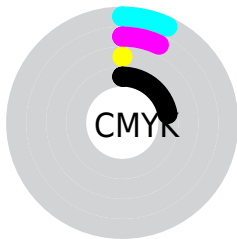
Blue (78%)



Red (73%)

Yellow (73%)

Blue (78%)

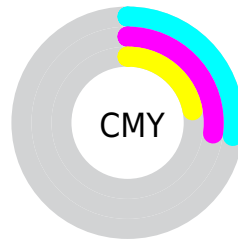


Cyan (7%)

Magenta (7%)

Yellow (0%)

Black (22%)



Cyan (27%)

Magenta (27%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.9075, 49.2605, 61.0161 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 47.9075, 49.2605, 61.0161 by changing the saturation by 10% instead.

■ 47.9075, 49.2605,
61.0161

■ 47.9075, 49.2605,
61.0161

369.0141,
383.7669, 446.2412

■ 33.9646, 34.8262,
43.8075

■ 86.2772, 89.0782,
107.8600

■ 23.0292, 23.5290,
30.1831

111.4347,
115.2304, 138.3324

■ 14.7358, 14.9846,
19.7244

141.0611,
146.0574, 174.0632

■ 8.7193, 8.8086,
12.0128

175.5217,
181.9434, 215.4708

■ 4.6142, 4.6165,
6.6297

215.1820,
223.2730, 262.9739

■ 2.0551, 2.0241,
3.1567

260.4072,

■ 0.6646, 0.6214,

270.4305, 316.9910

1.1752

311.5628,
323.8004, 377.9406

■ 0.0000, 0.0000,
0.0000

■ 47.9075, 49.2605,
61.0161

■ 47.9075, 49.2605,
61.0161

■ 39.8293, 39.3437,
59.5285

■ 57.1520, 60.6463,
62.7273

■ 32.8670, 30.8299,
58.2521

■ 67.6021, 73.5508,
64.6673

■ 26.9726, 23.6578,
57.1784

■ 79.3005, 88.0293,
66.8454

■ 22.0934, 17.7588,
56.2970

■ 87.3090, 96.9036,
68.1362

■ 18.1717, 13.0584,
55.5964

■ 15.1445, 9.4742,
55.0641

■ 12.9407, 6.9135,
54.6860

■ 11.4788, 5.2686,
54.4456

■ 10.6548, 4.3970,
54.3208

Harmonies

Analogous

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



46.5219, 49.2605, 61.6700



47.9075, 49.2605, 61.0161



49.0218, 49.2605, 58.3416

Triad

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



47.9075, 49.2605, 61.0161



48.4360, 49.2605, 47.6651



44.1956, 49.2605, 52.7835

Complementary

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



47.9075, 49.2605, 61.0161



52.4708, 56.3567, 54.0137

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.



44.6864, 49.2605, 49.1911



47.9075, 49.2605, 61.0161



47.1207, 49.2605, 46.3325

Square

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



47.9075, 49.2605, 61.0161



49.3311, 49.2605, 50.6063



45.7503, 49.2605, 46.8769



44.3968, 49.2605, 56.7849

Rectangle

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



47.9075, 49.2605, 61.0161



49.4515, 49.2605, 55.8409



45.7503, 49.2605, 46.8769



44.2848, 49.2605, 51.4905

Sweetspot

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



47.9089, 49.2626, 61.0172



91.7234, 95.9018, 108.2843



50.5272, 54.8577, 61.9592



19.6674, 20.5698, 23.1837



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.



47.9089, 49.2626, 61.0172



82.2540, 84.2500, 106.5344



49.6348, 50.1523, 61.0980



10.1255, 10.3230, 13.3764



6.7753, 2.7271, 34.9136



0.3457, 0.1420, 1.6543

Inverse Universe

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



51.0968, 50.9193, 60.5636



88.6507, 87.5746, 105.6163



50.6845, 55.4358, 53.9301



11.0492, 10.8031, 13.2424



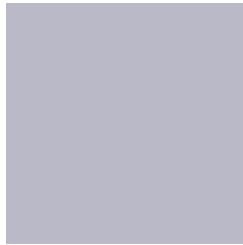
20.7774, 10.0605, 30.3672



0.9938, 0.4804, 1.4906

Previews

White Background



This preview shows how the XYZ color 47.9075, 49.2605, 61.0161 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 47.9075, 49.2605, 61.0161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

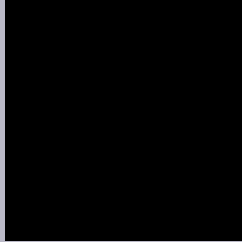
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.9075, 49.2605, 61.0161

Background



This preview shows how black text looks on a background with the XYZ color 47.9075, 49.2605, 61.0161.

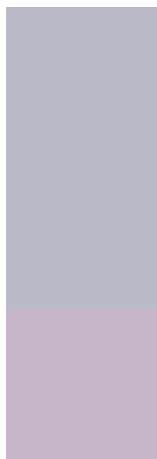


This preview shows how white text looks on a background with the XYZ color 47.9075, 49.2605,

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

47.9075, 49.2605, 61.0161

Protanopia

47.9075, 49.2605, 61.0161

Deuteranopia

50.2379, 49.2236, 61.4969



Tritanopia

48.0240, 49.3072, 61.6297

Trichromacy



Original Color

47.9075, 49.2605, 61.0161

Protanomaly

47.9075, 49.2605, 61.0161

Deuteranomaly

49.4014, 49.0954, 61.5162

Tritanomaly

48.0240, 49.3072, 61.6297

Monochromacy



Original Color

47.9075, 49.2605, 61.0161

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.4564, 49.4442, 56.3327

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9075, 49.2605, 61.0161 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, 185, 199)` looks like.

```
.text, #text, p{  
    color:rgb(186, 185, 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, 185, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 185, 199) }
```

Border

The CSS property to change the border of an element to XYZ 47.9075, 49.2605, 61.0161 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, 185, 199) }
```


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

```
.border{ border-color:rgb(186, 185, 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, 185, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 185, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 185, 199);  
box-shadow:4px 4px 4px 4px rgb(186, 185,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9075, 49.2605, 61.0161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 185, 199) }
```

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

```
.background{ background-color: rgb(186,  
185, 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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