

Converting Colors

XYZ(51.6173, 47.7690, 60.1899)

Have a look what the booklet for
XYZ(51.6173, 47.7690, 60.1899)
contains.

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Color

**XYZ(51.6236, 47.9046,
59.9517)**

Conversions

Conversions Part 1

Format	Color
Hex	D1AEC6
RGB	209, 174, 198
RGB Percent	82%, 68%, 78%
CMY	0.1804, 0.3176, 0.2235
CMYK	0.00, 0.17, 0.05, 0.18
HSL	319°, 28%, 75%
HSV	319°, 17%, 82%
XYZ	51.6236, 47.9046, 59.9517
YIQ	187.2010, 13.1560, 14.8840

Conversions

Conversions Part 2

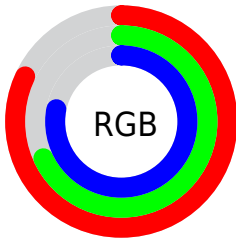
Format	Color
R _Y B	209, 174, 198
Decimal	13741766
CIE Lab	74.76, 16.72, -7.43
CIE LCh	75, 18.300, 336.034
Yxy	47.9046, 0.3237, 0.3004
Android (android.graphics.Color)	4291931846 (0xFFD1AEC6)
YUV	187.2010, 5.3239, 19.1177
Hunter-Lab	69.2131, 12.0137, -2.9072

Details

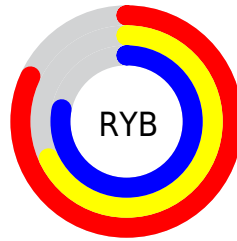
The XYZ color **51.6236, 47.9046, 59.9517** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.0149, 58.1038, 54.5335**, and the grayscale version is **47.3143, 49.7784, 54.2086**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **25.1978, 22.5584, 29.4117** is the 20% darker color. If you saturate the color by 10%, you get **47.1548, 40.1529, 54.8046**, and if you desaturate by 10%, it is **56.7563, 56.9302, 65.4834**.

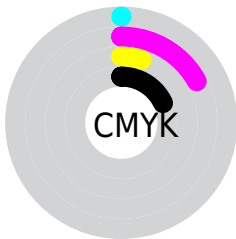
Distribution



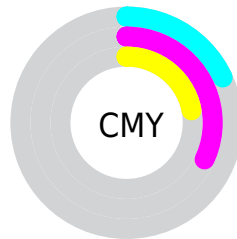
- Red (82%)
- Green (68%)
- Blue (78%)



- Red (82%)
- Yellow (68%)
- Blue (78%)



- Cyan (0%)
- Magenta (17%)
- Yellow (5%)
- Black (18%)





- Cyan (18%)
- Magenta (32%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.6236, 47.9046, 59.9517 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 51.6236, 47.9046, 59.9517 by changing the saturation by 10% instead.


 51.6236, 47.9046,
59.9517

 51.6236, 47.9046,
59.9517


383.3296,
378.4139, 442.2194

 36.9282, 33.7513,
42.9547


 91.7534, 87.0623,
106.3023

 25.3253, 22.7026,
29.5184

117.9185,
112.8356, 136.4929

 16.4496, 14.3741,
19.2244


148.6376,
143.2510, 171.9185

 9.9357, 8.3813,
11.6541

184.2760,
178.6930, 212.9975

 5.4183, 4.3399,
6.3889

225.1990,
219.5458, 260.1486

 2.5320, 1.8655,
3.0104

271.7721,

 0.9114, 0.5275,

266.1940, 313.7903

1.0999

324.3605,
319.0219, 374.3410

■ 0.0000, 0.0000,
0.0000

■ 51.6236, 47.9046,
59.9517

■ 51.6236, 47.9046,
59.9517

■ 47.1548, 40.1529,
54.8046

■ 56.7563, 56.9302,
65.4834

■ 43.3163, 33.6105,
50.0272

■ 62.5762, 67.2775,
71.4077

■ 40.0779, 28.2170,
45.6079

■ 69.1106, 79.0000,
77.7364

■ 37.4051, 23.9042,
41.5332

■ 75.5472, 90.4724,
84.2005

■ 35.2597, 20.5963,
37.7880

■ 76.4572, 90.8364,
88.9923

■ 33.5987, 18.2080,
34.3559

■ 77.4020, 91.2144,
93.9675

■ 32.3719, 16.6395,
31.2179

■ 78.3820, 91.6063,
99.1280

■ 31.5140, 15.7613,
28.3500

■ 79.3975, 92.0126,
104.4759

■ 31.2761, 15.5480,
27.4615

■ 80.1049, 92.2955,
108.2006

Harmonies

Analogous

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



49.3949, 47.9046, 68.4013



51.6236, 47.9046, 59.9517



52.1861, 47.9046, 50.2601

Triad

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



51.6236, 47.9046, 59.9517



44.8636, 47.9046, 35.9966



40.5579, 47.9046, 63.6820

Complementary

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



51.6236, 47.9046, 59.9517



49.0149, 58.1038, 54.5335

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.



39.4688, 47.9046, 54.1071



51.6236, 47.9046, 59.9517



41.8757, 47.9046, 38.7174

Square

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



51.6236, 47.9046, 59.9517



48.1769, 47.9046, 37.1618



39.9393, 47.9046, 45.0744



42.9855, 47.9046, 70.7317

Rectangle

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



51.6236, 47.9046, 59.9517



51.5177, 47.9046, 44.5337



39.9393, 47.9046, 45.0744



40.0286, 47.9046, 60.6106

Sweetspot

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



51.6250, 47.9067, 59.9527



90.4780, 91.8777, 104.2260



46.5338, 45.1301, 66.5808



19.2333, 19.4305, 22.1708



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.



51.6250, 47.9067, 59.9527



78.4084, 70.6759, 91.1470



49.7727, 47.1658, 50.1989



12.1460, 11.9432, 14.0449



19.3300, 9.6048, 17.1756



1.1158, 0.5510, 1.1446

Inverse Universe

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



51.6250, 47.9067, 59.9527



78.4084, 70.6759, 91.1470



50.9183, 58.8651, 64.5568



12.1460, 11.9432, 14.0449



19.3300, 9.6048, 17.1756



1.1158, 0.5510, 1.1446

Previews

White Background



This preview shows how the XYZ color 51.6236, 47.9046, 59.9517 looks on a white background.

Color Contrast Check

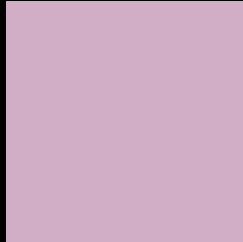
Large Text (above 18pt) WCAG AA × Fail

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 51.6236, 47.9046, 59.9517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

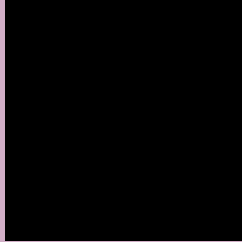
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.6236, 47.9046, 59.9517

Background



This preview shows how black text looks on a background with the XYZ color 51.6236, 47.9046, 59.9517.



This preview shows how white text looks on a background with the XYZ color 51.6236, 47.9046,

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

51.6236, 47.9046, 59.9517

Protanopia

47.1240, 48.1717, 63.9411

Deuteranopia

48.9631, 48.0072, 59.5090



Tritanopia

50.5277, 47.7440, 54.6965

Trichromacy



Original Color

51.6236, 47.9046, 59.9517

Protanomaly

48.7202, 48.1133, 62.5961

Deuteranomaly

49.8876, 47.8930, 59.4382

Tritanomaly

50.8568, 47.8756, 56.4296

Monochromacy



Original Color

51.6236, 47.9046, 59.9517

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.6376, 48.8196, 56.1499

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6236, 47.9046, 59.9517 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(209, 174, 198)` looks like.

```
.text, #text, p{  
    color:rgb(209, 174, 198)  
}
```

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(209, 174, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 174, 198) }
```

Border

The CSS property to change the border of an element to XYZ 51.6236, 47.9046, 59.9517 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(209, 174, 198) }
```


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

```
.border{ border-color:rgb(209, 174, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 174, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 174, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 174, 198);  
box-shadow:4px 4px 4px 4px rgb(209, 174,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6236, 47.9046, 59.9517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 174, 198) }
```

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

```
.background{ background-color: rgb(209,  
174, 198) }
```

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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