

Converting Colors

XYZ(39.9151, 29.3171, 60.8789)

Have a look what the booklet for
XYZ(39.9151, 29.3171, 60.8789)
contains.

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Color

**XYZ(39.8637, 29.2619,
60.6738)**

Conversions

Conversions Part 1

Format	Color
Hex	C278CC
RGB	194, 120, 204
RGB Percent	76%, 47%, 80%
CMY	0.2392, 0.5294, 0.2000
CMYK	0.05, 0.41, 0.00, 0.20
HSL	293°, 45%, 64%
HSV	293°, 41%, 80%
XYZ	39.8637, 29.2619, 60.6738
YIQ	151.7020, 17.1400, 41.8120

Conversions

Conversions Part 2

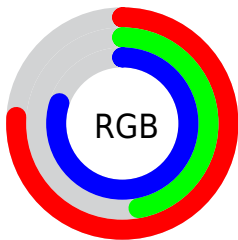
Format	Color
RYB	194, 120, 204
Decimal	12744908
CIELab	61.01, 42.32, -31.80
CIElCh	61, 52.936, 323.077
Yxy	29.2619, 0.3071, 0.2254
Android (android.graphics.Color)	4290934988 (0xFFC278CC)
YUV	151.7020, 25.7829, 37.0953
Hunter-Lab	54.0943, 36.8771, -28.6355

Details

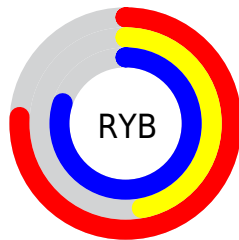
The XYZ color **39.8637, 29.2619, 60.6738** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **34.1899, 49.2883, 25.4822**, and the grayscale version is **29.6049, 31.1467, 33.9187**.

A 20% lighter version of the original color is **73.3309, 58.1876, 101.9741**, and **18.2004, 11.9151, 29.7744** is the 20% darker color. If you saturate the color by 10%, you get **37.0488, 24.5491, 59.9129**, and if you desaturate by 10%, it is **43.2134, 35.0277, 61.6106**.

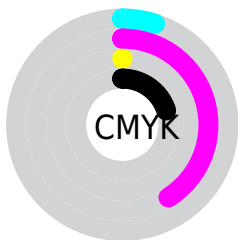
Distribution



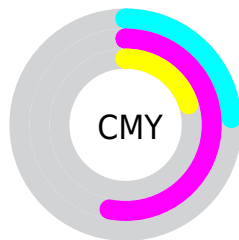
- Red (76%)
- Green (47%)
- Blue (80%)



- Red (76%)
- Yellow (47%)
- Blue (80%)



- Cyan (5%)
- Magenta (41%)
- Yellow (0%)
- Black (20%)




- Cyan (24%)
- Magenta (53%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.8637, 29.2619, 60.6738 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 39.8637, 29.2619, 60.6738 by changing the saturation by 10% instead.


 39.8637, 29.2619,
60.6738


 39.8637, 29.2619,
60.6738

336.6930,
298.4487, 444.9503


 27.6160, 19.2790,
43.5331


 74.2416, 58.4929,
107.3594

 18.1754, 11.8721,
29.9691


 97.1025, 78.5099,
137.7414

 11.1764, 6.6566,
19.5633


 124.2319,
102.6403, 173.3743

 6.2538, 3.2483,
11.8971

155.9950,
131.2687, 214.6765

 3.0421, 1.2627,
6.5520

192.7574,
164.7793, 262.0667

 1.1761, 0.1120,
3.1094

234.8843,

 0.0874, 0.0000,

203.5565, 315.9634

1.1507

282.7410,
247.9849, 376.7851

■ 0.0000, 0.0000,
0.0000

■ 39.8637, 29.2619,
60.6738

■ 39.8637, 29.2619,
60.6738

■ 37.0488, 24.5491,
59.9129

■ 43.2134, 35.0277,
61.6106

■ 34.7321, 20.8185,
59.3149

■ 47.1255, 41.9038,
62.7316

■ 32.8772, 17.9965,
58.8680

■ 51.6293, 49.9479,
64.0469

■ 31.4414, 15.9978,
58.5579

■ 56.7509, 59.2125,
65.5652

■ 30.3737, 14.7204,
58.3676

■ 62.5152, 69.7471,
67.2948

■ 29.6555, 14.0289,
58.2720

■ 68.9455, 81.5981,
69.2434

■ 73.5234, 89.7287,
70.5714

■ 74.2244, 90.0901,
70.6043

■ 74.9360, 90.4569,
70.6376

Harmonies

Analogous

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



33.3610, 29.2619, 81.3490



39.8637, 29.2619, 60.6738



43.2229, 29.2619, 36.6784

Triad

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



39.8637, 29.2619, 60.6738



29.4473, 29.2619, 7.0286



17.2795, 29.2619, 49.2541

Complementary

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



39.8637, 29.2619, 60.6738



34.1899, 49.2883, 25.4822

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.



16.5844, 29.2619, 27.4855



39.8637, 29.2619, 60.6738



22.9162, 29.2619, 8.0898

Square

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



39.8637, 29.2619, 60.6738



36.5961, 29.2619, 10.0748



18.4737, 29.2619, 14.0140



20.5606, 29.2619, 73.0672

Rectangle

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



39.8637, 29.2619, 60.6738



42.8909, 29.2619, 23.9932



18.4737, 29.2619, 14.0140



16.7608, 29.2619, 41.2849

Sweetspot

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



39.8647, 29.2632, 60.6744



84.7258, 81.3222, 105.8390



26.7892, 24.6404, 60.4713



17.9140, 17.0101, 22.5891



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.



39.8647, 29.2632, 60.6744



62.0172, 41.7459, 99.3968



39.1814, 29.2964, 43.2274



11.5510, 11.3333, 14.1491



18.7174, 8.8567, 36.6793



1.0036, 0.4765, 1.8940

Inverse Universe

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



35.6485, 27.8832, 24.6234



54.3343, 39.2806, 31.4756



34.9093, 49.4074, 36.8910



11.2657, 11.2350, 11.9340



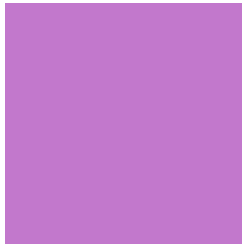
15.7974, 8.1296, 1.3859



0.8335, 0.4268, 0.1692

Previews

White Background



This preview shows how the XYZ color 39.8637, 29.2619, 60.6738 looks on a white background.

Color Contrast Check

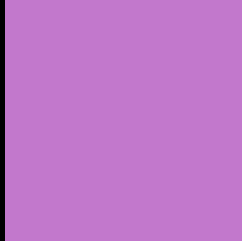
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.8637, 29.2619, 60.6738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

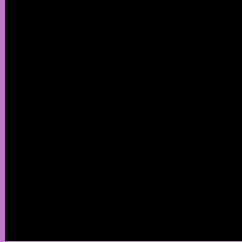
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.8637, 29.2619, 60.6738

Background



This preview shows how black text looks on a background with the XYZ color 39.8637, 29.2619, 60.6738.



This preview shows how white text looks on a background with the XYZ color 39.8637, 29.2619,

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

39.8637, 29.2619, 60.6738

Protanopia

31.3257, 29.6257, 74.5883

Deuteranopia

30.1071, 29.3609, 58.1132



Tritanopia

33.5952, 29.1973, 29.8516

Trichromacy



Original Color

39.8637, 29.2619, 60.6738



Protanomaly

33.3612, 28.8211, 69.4503



Deuteranomaly

32.8643, 28.7939, 59.0840



Tritanomaly

35.4970, 28.9738, 39.3189

Monochromacy



Original Color

39.8637, 29.2619, 60.6738



Achromatopsia

29.8446, 31.3989, 34.1934



Achromatomaly

32.6651, 29.9119, 42.5800

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8637, 29.2619, 60.6738 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(194, 120, 204)` looks like.

```
.text, #text, p{  
    color:rgb(194, 120, 204)  
}
```

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(194, 120, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 120, 204) }
```

Border

The CSS property to change the border of an element to XYZ 39.8637, 29.2619, 60.6738 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(194, 120, 204) }
```


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

```
.border{ border-color:rgb(194, 120, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 120, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 120, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 120, 204);  
box-shadow:4px 4px 4px 4px rgb(194, 120,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8637, 29.2619, 60.6738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 120, 204) }
```

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

```
.background{ background-color: rgb(194,  
120, 204) }
```

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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