

Converting Colors

XYZ(60.2100, 47.6062, 87.0525)

Have a look what the booklet for
XYZ(60.2100, 47.6062, 87.0525)
contains.

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Color

**XYZ(60.1439, 47.6273,
86.9120)**

Conversions

Conversions Part 1

Format	Color
Hex	E59FEE
RGB	229, 159, 238
RGB Percent	90%, 62%, 93%
CMY	0.1020, 0.3765, 0.0667
CMYK	0.04, 0.33, 0.00, 0.07
HSL	293°, 70%, 78%
HSV	293°, 33%, 93%
XYZ	60.1439, 47.6273, 86.9120
YIQ	188.9360, 16.3610, 39.4090

Conversions

Conversions Part 2

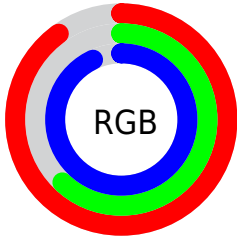
Format	Color
R _Y B	229, 159, 238
Decimal	15048686
CIE Lab	74.59, 38.79, -29.34
CIE LCh	75, 48.634, 322.900
Yxy	47.6273, 0.3089, 0.2446
Android (android.graphics.Color)	4293238766 (0xFFE59FEE)
YUV	188.9360, 24.1886, 35.1361
Hunter-Lab	69.0125, 34.7895, -26.3590

Details

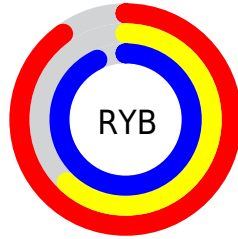
The XYZ color **60.1439, 47.6273, 86.9120** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **52.9825, 71.9782, 43.9038**, and the grayscale version is **48.1941, 50.7040, 55.2166**.

A 20% lighter version of the original color is **83.5904, 77.0809, 105.0801**, and **30.6108, 22.4561, 46.9771** is the 20% darker color. If you saturate the color by 10%, you get **55.5806, 39.7740, 85.6374**, and if you desaturate by 10%, it is **65.5117, 57.0675, 88.4519**.

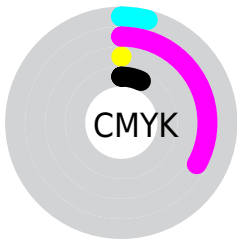
Distribution



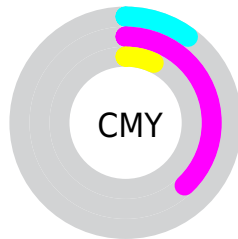
- Red (90%)
- Green (62%)
- Blue (93%)



- Red (90%)
- Yellow (62%)
- Blue (93%)



- Cyan (4%)
- Magenta (33%)
- Yellow (0%)
- Black (7%)





- Cyan (10%)
- Magenta (38%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1439, 47.6273, 86.9120 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 60.1439, 47.6273, 86.9120 by changing the saturation by 10% instead.

 60.1439, 47.6273,
86.9120


 60.1439, 47.6273,
86.9120


414.9542,
377.3129, 538.2424

 43.7845, 33.5318,
64.8632

 104.1435, 86.6492,
144.9393

 30.6983, 22.5342,
46.8995

 132.5145,
112.3445, 181.7548

 20.5199, 14.2499,
32.6024

165.6201,
142.6751, 224.3296

 12.8840, 8.2947,
21.5534

203.8256,
178.0255, 273.0823

 7.4252, 4.2841,
13.3340

247.4964,
218.7801, 328.4314

 3.7781, 1.8337,
7.5255

296.9979,

 1.5774, 0.5081,

265.3233, 390.7954

3.7095

352.6954,
318.0394, 460.5929

■ 0.3776, 0.0000,
1.4674

■ 0.0000, 0.0000,
0.1934

■ 60.1439, 47.6273,
86.9120

■ 60.1439, 47.6273,
86.9120

■ 55.5806, 39.7740,
85.6374

■ 65.5117, 57.0675,
88.4519

■ 51.7718, 33.4107,
84.6099

■ 71.7212, 68.1719,
90.2680

■ 48.6688, 28.4393,
83.8138

■ 78.8128, 81.0203,
92.3743

■ 46.2156, 24.7475,
83.2306

■ 86.8229, 95.6855,
94.7827

44.3471, 22.2056,
82.8384

88.0026, 96.6693,
94.9104

42.9847, 20.6562,
82.6112

88.9430, 97.1541,
94.9545

42.2649, 20.0056,
82.5235

89.8973, 97.6460,
94.9991

90.8655, 98.1451,
95.0444

91.8476, 98.6515,
95.0904

Harmonies

Analogous

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



52.1743, 47.6273, 110.5076



60.1439, 47.6273, 86.9120



64.2136, 47.6273, 58.0795

Triad

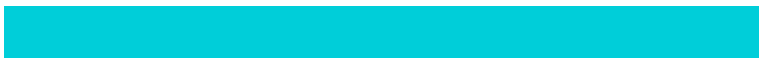
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.1439, 47.6273, 86.9120



47.3915, 47.6273, 17.1104



31.4059, 47.6273, 73.0842

Complementary

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



60.1439, 47.6273, 86.9120



52.9825, 71.9782, 43.9038

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.



30.4723, 47.6273, 46.0975



60.1439, 47.6273, 86.9120



39.0003, 47.6273, 18.8093

Square

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



60.1439, 47.6273, 86.9120



56.2575, 47.6273, 22.0221



33.0732, 47.6273, 27.7815



35.8124, 47.6273, 100.8852

Rectangle

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



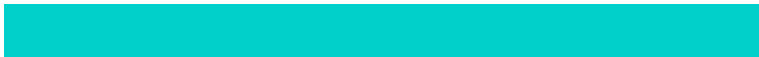
60.1439, 47.6273, 86.9120



63.8392, 47.6273, 41.7778



33.0732, 47.6273, 27.7815



30.7011, 47.6273, 63.4417

Sweetspot

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



60.1454, 47.6294, 86.9130



86.3872, 84.2489, 106.3163



43.7753, 41.6315, 86.6181



18.2481, 17.5951, 22.6844



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.



60.1454, 47.6294, 86.9130



66.5348, 49.1249, 100.5830



59.0098, 47.5155, 65.5547



16.2666, 15.9347, 19.9400



23.6497, 11.1973, 46.0427



2.0174, 0.9572, 3.8327

Inverse Universe

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



54.7274, 45.8025, 43.0039



59.3882, 46.7452, 41.3086



54.0903, 72.2076, 59.3940



15.8460, 15.7881, 16.7453



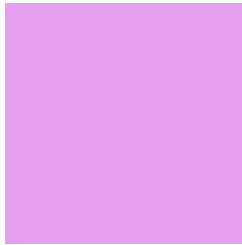
19.8060, 10.1948, 1.6293



1.6715, 0.8576, 0.2610

Previews

White Background



This preview shows how the XYZ color 60.1439, 47.6273, 86.9120 looks on a white background.

Color Contrast Check

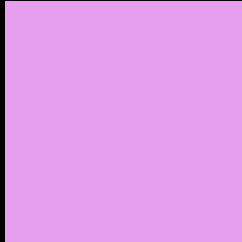
Large Text (above 18pt) WCAG AA × Fail

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 60.1439, 47.6273, 86.9120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

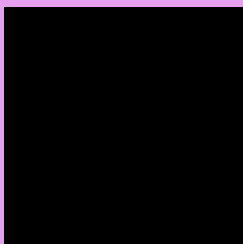
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.1439, 47.6273, 86.9120

Background



This preview shows how black text looks on a background with the XYZ color 60.1439, 47.6273, 86.9120.



This preview shows how white text looks on a background with the XYZ color 60.1439, 47.6273,

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

60.1439, 47.6273, 86.9120

Protanopia

49.4742, 47.9491, 101.2553

Deuteranopia

48.8517, 47.6970, 84.4736



Tritanopia

52.7408, 47.5405, 51.1962

Trichromacy



Original Color

60.1439, 47.6273, 86.9120



Protanomaly

52.2922, 47.1658, 95.9703



Deuteranomaly

52.2536, 47.1053, 84.9354



Tritanomaly

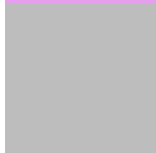
55.1562, 47.4315, 62.7481

Monochromacy



Original Color

60.1439, 47.6273, 86.9120



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

52.0847, 49.1832, 65.7796

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1439, 47.6273, 86.9120 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(229, 159, 238)` looks like.

```
.text, #text, p{  
    color:rgb(229, 159, 238)  
}
```

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(229, 159, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 159, 238) }
```

Border

The CSS property to change the border of an element to XYZ 60.1439, 47.6273, 86.9120 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(229, 159, 238) }
```


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

```
.border{ border-color:rgb(229, 159, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 159, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 159, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 159, 238);  
box-shadow:4px 4px 4px 4px rgb(229, 159,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1439, 47.6273, 86.9120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 159, 238) }
```

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

```
.background{ background-color: rgb(229,  
159, 238) }
```

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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