

Converting Colors

XYZ(61.5857, 47.8627, 82.3414)

Have a look what the booklet for
XYZ(61.5857, 47.8627, 82.3414)
contains.

XYZ(61.5475, 47.9447, 82.3543)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.5475, 47.9447,
82.3543)**

Conversions

Conversions Part 1

Format	Color
Hex	ED9DE8
RGB	237, 157, 232
RGB Percent	93%, 62%, 91%
CMY	0.0706, 0.3843, 0.0902
CMYK	0.00, 0.34, 0.02, 0.07
HSL	304°, 69%, 77%
HSV	304°, 34%, 93%
XYZ	61.5475, 47.9447, 82.3543
YIQ	189.4700, 23.6050, 40.2850

Conversions

Conversions Part 2

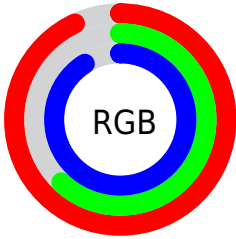
Format	Color
R _Y B	237, 157, 232
Decimal	15572456
CIE Lab	74.79, 41.24, -25.69
CIE LCh	75, 48.585, 328.079
Yxy	47.9447, 0.3208, 0.2499
Android (android.graphics.Color)	4293762536 (0xFFED9DE8)
YUV	189.4700, 20.9673, 41.6838
Hunter-Lab	69.2421, 37.4903, -22.0481

Details

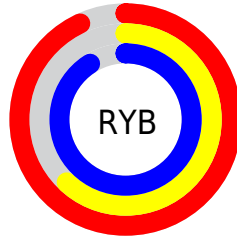
The XYZ color **61.5475, 47.9447, 82.3543** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **50.7124, 70.3466, 45.0906**, and the grayscale version is **48.5144, 51.0409, 55.5836**.

A 20% lighter version of the original color is **83.0842, 76.0685, 104.9114**, and **31.6092, 22.7385, 43.7973** is the 20% darker color. If you saturate the color by 10%, you get **57.7109, 40.6060, 80.0420**, and if you desaturate by 10%, it is **66.1666, 56.8437, 84.9372**.

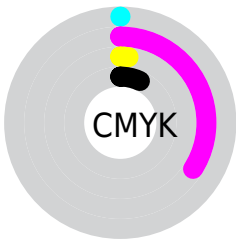
Distribution



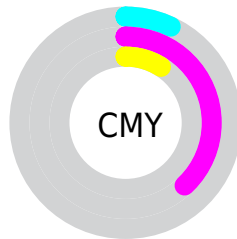
- Red (93%)
- Green (62%)
- Blue (91%)



- Red (93%)
- Yellow (62%)
- Blue (91%)



- Cyan (0%)
- Magenta (34%)
- Yellow (2%)
- Black (7%)





- Cyan (7%)
- Magenta (38%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.5475, 47.9447, 82.3543 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 61.5475, 47.9447, 82.3543 by changing the saturation by 10% instead.


 61.5475, 47.9447,
82.3543


 61.5475, 47.9447,
82.3543


420.0225,
378.5729, 522.7466

 44.9214, 33.7831,
61.1201

 106.1649, 87.1221,
138.5119

 31.5965, 22.7270,
43.8909


 134.8869,
112.9066, 174.2723

 21.2076, 14.3921,
30.2482


168.3716,
143.3343, 215.7120

 13.3891, 8.3939,
19.7734

206.9843,
178.7894, 263.2493

 7.7759, 4.3480,
12.0480

251.0904,
219.6565, 317.3029

 4.0025, 1.8701,
6.6534

301.0552,

 1.7035, 0.5303,

266.3198, 378.2913

3.1712

357.2441,
319.1638, 446.6330

■ 0.4585, 0.0000,
1.1827

■ 0.0000, 0.0000,
0.0000

■ 61.5475, 47.9447,
82.3543

■ 61.5475, 47.9447,
82.3543

■ 57.7109, 40.6060,
80.0420

■ 66.1666, 56.8437,
84.9372

■ 54.6071, 34.7309,
77.9822

■ 71.6051, 67.3797,
87.8015

■ 52.1878, 30.2220,
76.1593

■ 77.9032, 79.6319,
90.9611

■ 50.3971, 26.9675,
74.5546

■ 85.0969, 93.6726,
94.4280

49.1701, 24.8376,
73.1465

86.3259, 95.7809,
95.9156

48.4280, 23.6747,
71.9087

86.5462, 95.8690,
97.0758

48.1354, 23.2887,
71.1968

86.7683, 95.9579,
98.2454

86.9922, 96.0474,
99.4246

87.2180, 96.1377,
100.6133

Harmonies

Analogous

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



54.0348, 47.9447, 107.9079



61.5475, 47.9447, 82.3543



64.7251, 47.9447, 53.8501

Triad

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



61.5475, 47.9447, 82.3543



46.1413, 47.9447, 17.1341



32.1754, 47.9447, 78.5884

Complementary

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



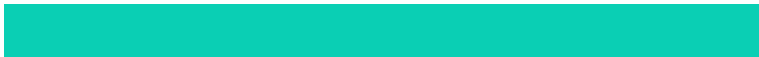
61.5475, 47.9447, 82.3543



50.7124, 70.3466, 45.0906

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.



30.6245, 47.9447, 50.5910



61.5475, 47.9447, 82.3543



38.0389, 47.9447, 19.9887

Square

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



61.5475, 47.9447, 82.3543



55.1464, 47.9447, 20.8603



32.6286, 47.9447, 30.4890



37.1719, 47.9447, 105.2852

Rectangle

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



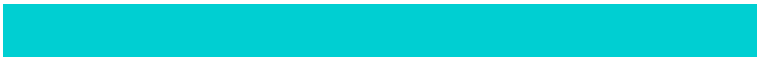
61.5475, 47.9447, 82.3543



63.6840, 47.9447, 38.5253



32.6286, 47.9447, 30.4890



31.2645, 47.9447, 68.7878

Sweetspot

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



61.5490, 47.9468, 82.3553



87.1923, 84.6935, 105.0200



42.0432, 37.8080, 85.2035



18.4444, 17.7035, 22.3681



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.



61.5490, 47.9468, 82.3553



69.2338, 50.0228, 95.1918



56.6094, 45.9710, 56.3439



15.6718, 15.2966, 18.8229



26.2982, 12.7220, 38.9674



2.0774, 1.0039, 3.1249

Inverse Universe

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



61.5490, 47.9468, 82.3553



69.2338, 50.0228, 95.1918



54.7333, 71.9550, 66.2643



15.6718, 15.2966, 18.8229



26.2982, 12.7220, 38.9674



2.0774, 1.0039, 3.1249

Previews

White Background



This preview shows how the XYZ color 61.5475, 47.9447, 82.3543 looks on a white background.

Color Contrast Check

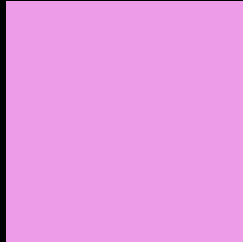
Large Text (above 18pt) WCAG AA × Fail

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 61.5475, 47.9447, 82.3543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

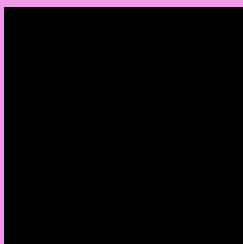
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.5475, 47.9447, 82.3543

Background



This preview shows how black text looks on a background with the XYZ color 61.5475, 47.9447, 82.3543.



This preview shows how white text looks on a background with the XYZ color 61.5475, 47.9447,

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

61.5475, 47.9447, 82.3543

Protanopia

49.5003, 48.3574, 97.1674

Deuteranopia

49.3499, 48.3525, 80.1307



Tritanopia

54.6901, 47.7557, 49.5153

Trichromacy



Original Color

61.5475, 47.9447, 82.3543



Protanomaly

52.6071, 47.4346, 91.1771



Deuteranomaly

52.9828, 47.5797, 80.5200



Tritanomaly

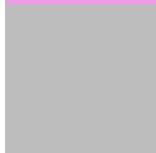
57.0103, 47.6415, 60.2238

Monochromacy



Original Color

61.5475, 47.9447, 82.3543



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

52.1952, 48.9739, 64.4595

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5475, 47.9447, 82.3543 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(237, 157, 232)` looks like.

```
.text, #text, p{  
    color:rgb(237, 157, 232)  
}
```

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(237, 157, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 157, 232) }
```

Border

The CSS property to change the border of an element to XYZ 61.5475, 47.9447, 82.3543 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(237, 157, 232) }
```


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

```
.border{ border-color:rgb(237, 157, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 157, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 157, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 157, 232);  
box-shadow:4px 4px 4px 4px rgb(237, 157,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5475, 47.9447, 82.3543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 157, 232) }
```

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

```
.background{ background-color: rgb(237,  
157, 232) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor