

Converting Colors

XYZ(47.0864, 27.3625, 86.8042)

Have a look what the booklet for
XYZ(47.0864, 27.3625, 86.8042)
contains.

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Color

**XYZ(47.0864, 27.3625,
86.8042)**

Conversions

Conversions Part 1

Format	Color
Hex	D656F2
RGB	214, 86, 242
RGB Percent	84%, 34%, 95%
CMY	0.1608, 0.6627, 0.0510
CMYK	0.12, 0.64, 0.00, 0.05
HSL	289°, 86%, 64%
HSV	289°, 64%, 95%
XYZ	47.0864, 27.3625, 86.8042
YIQ	142.0560, 26.2120, 75.6520

Conversions

Conversions Part 2

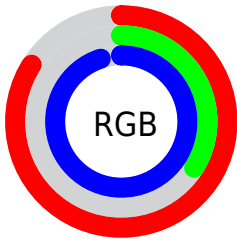
Format	Color
R _Y B	214, 86, 242
Decimal	14046962
CIE Lab	59.31, 71.02, -55.61
CIE LCh	59, 90.203, 321.942
Yxy	27.3625, 0.2920, 0.1697
Android (android.graphics.Color)	4292237042 (0xFFD656F2)
YUV	142.0560, 49.2724, 63.0949
Hunter-Lab	52.3092, 69.1367, -61.7721

Details

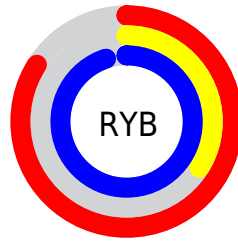
The XYZ color **47.0864, 27.3625, 86.8042** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **40.3720, 67.7542, 19.7551**, and the grayscale version is **25.5385, 26.8685, 29.2598**.

A 20% lighter version of the original color is **69.1125, 48.1249, 100.2542**, and **22.4316, 10.7854, 46.7985** is the 20% darker color. If you saturate the color by 10%, you get **44.2204, 23.4865, 86.2075**, and if you desaturate by 10%, it is **50.6421, 32.5657, 87.6215**.

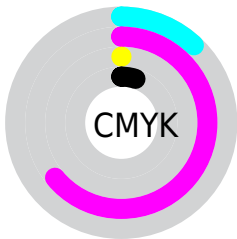
Distribution



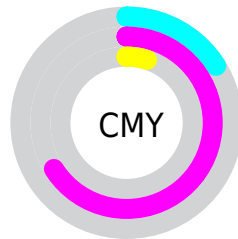
- Red (84%)
- Green (34%)
- Blue (95%)



- Red (84%)
- Yellow (34%)
- Blue (95%)



- Cyan (12%)
- Magenta (64%)
- Yellow (0%)
- Black (5%)





- Cyan (16%)
- Magenta (66%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.0864, 27.3625, 86.8042 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 47.0864, 27.3625, 86.8042 by changing the saturation by 10% instead.


 47.0864, 27.3625,
86.8042


 47.0864, 27.3625,
86.8042

365.8025,
289.4080, 537.8787


 33.3122, 17.8457,
64.7745


 85.0605, 55.4650,
144.7877

 22.5261, 10.8392,
46.8281


 109.9912, 74.8195,
181.5785

 14.3627, 5.9588,
32.5464


 139.3713, 98.2219,
224.1267

 8.4568, 2.8201,
21.5109

 173.5664,
126.0568, 272.8510

 4.4428, 1.0385,
13.3031

212.9417,
158.7084, 328.1698

 1.9556, 0.0000,
7.5044

257.8625,

 0.6088, 0.0000,

196.5613, 390.5017

3.6963

308.6943,
239.9997, 460.2651

■ 0.0000, 0.0000,
1.4603

■ 0.0000, 0.0000,
0.1881

■ 47.0864, 27.3625,
86.8042

■ 47.0864, 27.3625,
86.8042

■ 44.2204, 23.4865,
86.2075

■ 50.6421, 32.5657,
87.6215

■ 41.9716, 20.7960,
85.8067


■ 54.9440, 39.2118,
88.6776


■ 40.2561, 19.1228,
85.5742


■ 60.0463, 47.4076,
89.9907


■ 39.4653, 18.4937,
85.4944


■ 65.9969, 57.2490,
91.5766

 72.8401, 68.8238,
93.4501

 80.6170, 82.2138,
95.6247

 89.2365, 97.2367,
98.0702

 90.7649, 98.0246,
98.1417

 92.3291, 98.8310,
98.2149

Harmonies

Analogous

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



34.9791, 27.3625, 132.4743



47.0864, 27.3625, 86.8042



53.9225, 27.3625, 39.3722

Triad

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



47.0864, 27.3625, 86.8042



29.1663, 27.3625, 0.9049



10.6349, 27.3625, 59.5396

Complementary

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



47.0864, 27.3625, 86.8042



40.3720, 67.7542, 19.7551

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.



9.9050, 27.3625, 21.9092



47.0864, 27.3625, 86.8042



18.7178, 27.3625, 1.3398

Square

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



47.0864, 27.3625, 86.8042



41.7931, 27.3625, 2.7694



12.3987, 27.3625, 5.5681



14.8005, 27.3625, 110.3048

Rectangle

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



47.0864, 27.3625, 86.8042



53.5087, 27.3625, 18.7032



12.3987, 27.3625, 5.5681



10.0396, 27.3625, 44.5769

Sweetspot

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



47.0875, 27.3637, 86.8048



78.3668, 71.2758, 104.2350



25.9509, 20.5608, 86.6057



16.3071, 14.4684, 22.1832



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.



47.0875, 27.3637, 86.8048



49.0383, 25.4901, 96.9432



49.5276, 29.3662, 53.2774



16.1598, 15.8796, 19.9350



21.3070, 9.9896, 45.9330



1.8444, 0.8681, 3.8246

Inverse Universe

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



42.9837, 26.7486, 18.8180



44.8015, 25.1583, 13.0588



39.9921, 67.2439, 33.9424



15.8886, 15.8052, 16.9697



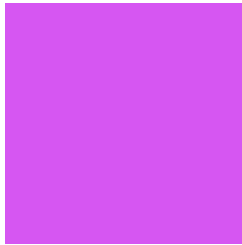
19.9453, 10.2506, 2.3627



1.6916, 0.8657, 0.3671

Previews

White Background



This preview shows how the XYZ color 47.0864, 27.3625, 86.8042 looks on a white background.

Color Contrast Check

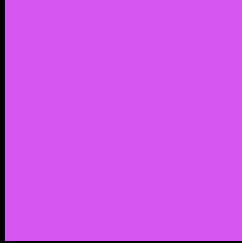
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.0864, 27.3625, 86.8042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

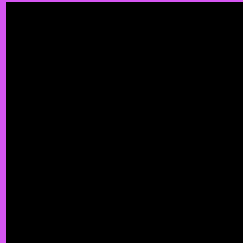
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 47.0864, 27.3625, 86.8042

Background



This preview shows how black text looks on a background with the XYZ color 47.0864, 27.3625, 86.8042.

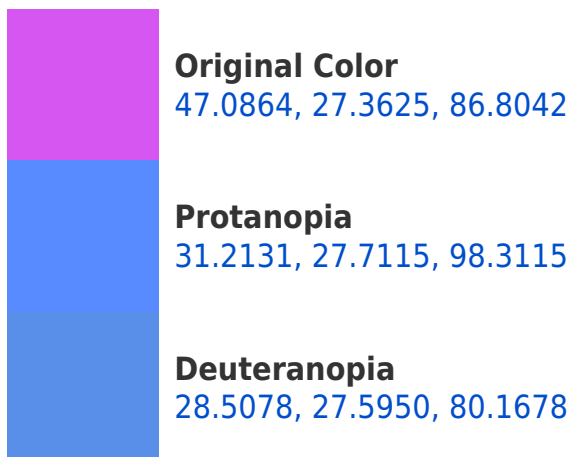


This preview shows how white text looks on a background with the XYZ color 47.0864, 27.3625,

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





Tritanopia

34.2321, 27.1600, 24.2071

Trichromacy



Original Color

47.0864, 27.3625, 86.8042



Protanomaly

33.6447, 25.3216, 93.5568



Deuteranomaly

31.9314, 25.0435, 82.5078



Tritanomaly

37.5201, 26.4648, 41.1609

Monochromacy



Original Color

47.0864, 27.3625, 86.8042



Achromatopsia

25.7108, 27.0498, 29.4572



Achromatomaly

31.1439, 25.4583, 45.3920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0864, 27.3625, 86.8042 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(214, 86, 242)` looks like.

```
.text, #text, p{  
    color:rgb(214, 86, 242)  
}
```

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(214, 86, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 86, 242) }
```

Border

The CSS property to change the border of an element to XYZ 47.0864, 27.3625, 86.8042 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(214, 86, 242) }
```


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

```
.border{ border-color:rgb(214, 86, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 86, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 86, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 86, 242);  
box-shadow:4px 4px 4px 4px rgb(214, 86,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0864, 27.3625, 86.8042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 86, 242) }
```

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

```
.background{ background-color: rgb(214, 86,  
242) }
```

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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