

Converting Colors

XYZ(87.3149, 66.7909,
214.1669)

Have a look what the booklet for
XYZ(87.3149, 66.7909, 214.1669)
contains.

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Color

**XYZ(66.2517, 58.4486,
102.3976)**

Conversions

Conversions Part 1

Format	Color
Hex	DFBBFF
RGB	223, 187, 255
RGB Percent	87%, 73%, 100%
CMY	0.1255, 0.2666, 0.0000
CMYK	0.13, 0.27, 0.00, 0.00
HSL	272°, 100%, 87%
HSV	272°, 27%, 100%
XYZ	66.2517, 58.4486, 102.3976
YIQ	205.5160, -0.3720, 28.7800

Conversions

Conversions Part 2

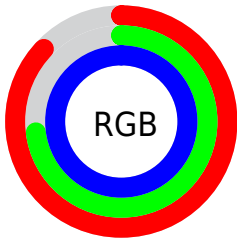
Format	Color
R _Y B	223, 187, 255
Decimal	14662655
CIE Lab	80.99, 25.28, -28.73
CIE LCh	81, 38.264, 311.343
Yxy	58.4486, 0.2917, 0.2574
Android (android.graphics.Color)	4292852735 (0xFFDFBFFF)
YUV	205.5160, 24.3956, 15.3335
Hunter-Lab	76.4517, 20.8945, -25.8955

Details

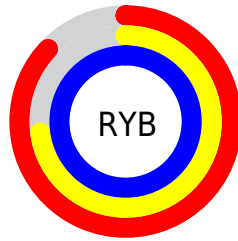
The XYZ color **66.2517, 58.4486, 102.3976** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.9444, 90.1685, 60.5234**, and the grayscale version is **58.2080, 61.2393, 66.6896**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **34.6545, 29.3429, 57.2633** is the 20% darker color. If you saturate the color by 10%, you get **57.7478, 46.7357, 100.5850**, and if you desaturate by 10%, it is **75.9815, 72.2223, 104.5434**.

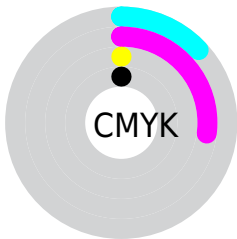
Distribution



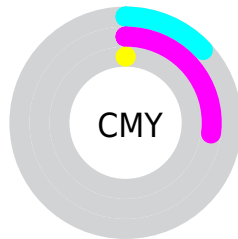
- Red (87%)
- Green (73%)
- Blue (100%)



- Red (87%)
- Yellow (73%)
- Blue (100%)



- Cyan (13%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.2517, 58.4486, 102.3976 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 66.2517, 58.4486, 102.3976 by changing the saturation by 10% instead.

66.2517, 58.4486,
102.3976

66.2517, 58.4486,
102.3976

436.7510,
418.8554, 589.1648

48.7452, 42.1694,
77.6764

112.9032,
102.5758, 166.5287

34.6311, 29.2340,
57.2933

142.7790,
131.1927, 206.7756

23.5440, 19.2579,
40.8298

177.5086,
164.6908, 253.0349

15.1186, 11.8568,
27.8674

217.4573,
203.4547, 305.7250

8.9895, 6.6462,
17.9876

262.9906,
247.8687, 365.2645

4.7914, 3.2419,
10.7717

314.4737,

2.1589, 1.2593,

298.3173, 432.0719

5.8013

372.2720,
355.1847, 506.5658

■ 0.7209, 0.1093,
2.6578

■ 0.0000, 0.0000,
0.9221

■ 66.2517, 58.4486,
102.3976

■ 66.2517, 58.4486,
102.3976

■ 57.7478, 46.7357,
100.5850

■ 75.9815, 72.2223,
104.5434

■ 50.4086, 36.9720,
99.0872

■ 86.9845, 88.1464,
107.0371

■ 44.1746, 29.0461,
97.8860

95.0500, 100.0000,
108.9000

■ 38.9785, 22.8319,
96.9604

■ 34.7447, 18.1868,
96.2869

■ 31.3850, 14.9438,
95.8380

■ 28.7901, 12.8937,
95.5791

■ 28.0416, 12.3709,
95.5176

Harmonies

Analogous

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



58.6082, 58.4486, 116.8039



66.2517, 58.4486, 102.3976



71.2961, 58.4486, 78.6646

Triad

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



66.2517, 58.4486, 102.3976



60.5779, 58.4486, 30.5740



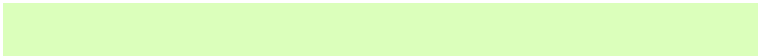
41.8992, 58.4486, 72.6255

Complementary

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



66.2517, 58.4486, 102.3976



73.9444, 90.1685, 60.5234

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.



42.3179, 58.4486, 50.6627



66.2517, 58.4486, 102.3976



52.6071, 58.4486, 29.6976

Square

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



66.2517, 58.4486, 102.3976



67.8113, 58.4486, 38.9244



46.0741, 58.4486, 36.1532



44.8700, 58.4486, 97.0809

Rectangle

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



66.2517, 58.4486, 102.3976



72.2420, 58.4486, 62.6223



46.0741, 58.4486, 36.1532



41.6562, 58.4486, 64.6698

Sweetspot

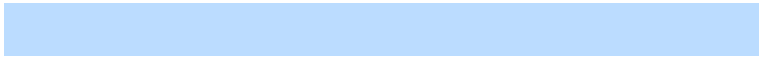
The Sweet Spot groups the original color and five complimentary colors.



66.2534, 58.4510, 102.3980



85.4398, 85.8924, 106.6835



64.1035, 68.9031, 104.5288



17.9211, 17.8511, 22.7510



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.



66.2534, 58.4510, 102.3980



61.5669, 51.9512, 101.3904



76.8794, 63.9499, 101.9457



17.9211, 17.8511, 22.7510



14.8263, 6.5537, 49.9181



1.5698, 0.7032, 4.8663

Inverse Universe

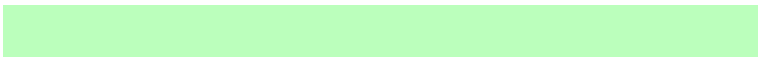
The Inverse Universe completely reimagines the original color for something new.



71.7979, 61.9173, 75.1867



68.1189, 56.0442, 69.3826



65.3467, 85.7222, 60.7569



18.3652, 18.1294, 20.5403



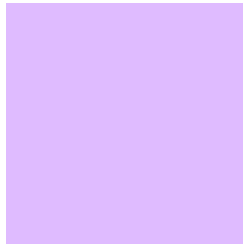
23.3943, 11.8470, 10.7266



2.3325, 1.1754, 1.3322

Previews

White Background



This preview shows how the XYZ color 66.2517, 58.4486, 102.3976 looks on a white background.

Color Contrast Check

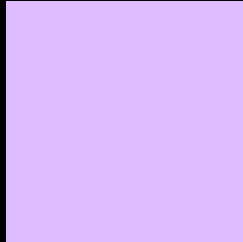
Large Text (above 18pt) WCAG AA × Fail

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 66.2517, 58.4486, 102.3976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

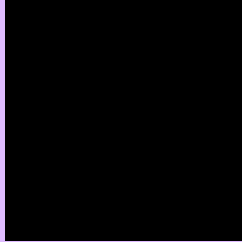
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.2517, 58.4486, 102.3976

Background



This preview shows how black text looks on a background with the XYZ color 66.2517, 58.4486, 102.3976.



This preview shows how white text looks on a background with the XYZ color 66.2517, 58.4486,

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

66.2517, 58.4486, 102.3976

Protanopia

58.9669, 58.6316, 102.8169

Deuteranopia

59.9440, 58.4937, 101.0595



Tritanopia

59.5919, 58.3323, 69.7464

Trichromacy



Original Color

66.2517, 58.4486, 102.3976

Protanomaly

61.3845, 58.5296, 102.6698

Deuteranomaly

62.1362, 58.2748, 101.7392

Tritanomaly

61.9282, 58.3054, 80.6631

Monochromacy



Original Color

66.2517, 58.4486, 102.3976

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

61.0293, 60.2257, 78.9291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2517, 58.4486, 102.3976 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(223, 187, 255)` looks like.

```
.text, #text, p{  
    color:rgb(223, 187, 255)  
}
```

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(223, 187, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 187, 255) }
```

Border

The CSS property to change the border of an element to XYZ 66.2517, 58.4486, 102.3976 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(223, 187, 255) }
```


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

```
.border{ border-color:rgb(223, 187, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 187, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 187, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 187, 255);  
box-shadow:4px 4px 4px 4px rgb(223, 187,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2517, 58.4486, 102.3976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 187, 255) }
```

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

```
.background{ background-color: rgb(223,  
187, 255) }
```

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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