

Converting Colors

XYZ(66.3363, 56.6260,
100.5330)

Have a look what the booklet for
XYZ(66.3363, 56.6260, 100.5330)
contains.

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Color

**XYZ(66.2484, 56.6336,
100.3682)**

Conversions

Conversions Part 1

Format	Color
Hex	E4B5FD
RGB	228, 181, 253
RGB Percent	89%, 71%, 99%
CMY	0.1059, 0.2902, 0.0078
CMYK	0.10, 0.28, 0.00, 0.01
HSL	279°, 95%, 85%
HSV	279°, 28%, 99%
XYZ	66.2484, 56.6336, 100.3682
YIQ	203.2610, 4.9000, 32.3560

Conversions

Conversions Part 2

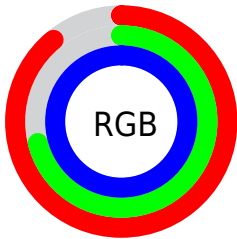
Format	Color
R _Y B	228, 181, 253
Decimal	14988797
CIE Lab	79.97, 29.64, -29.17
CIE LCh	80, 41.590, 315.456
Yxy	56.6336, 0.2967, 0.2537
Android (android.graphics.Color)	4293178877 (0xFFE4B5FD)
YUV	203.2610, 24.5213, 21.6961
Hunter-Lab	75.2553, 25.4395, -26.3965

Details

The XYZ color **66.2484, 56.6336, 100.3682** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.9213, 86.7100, 56.8229**, and the grayscale version is **56.7789, 59.7358, 65.0523**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **34.6962, 28.1945, 55.8379** is the 20% darker color. If you saturate the color by 10%, you get **58.8476, 45.8637, 98.6803**, and if you desaturate by 10%, it is **74.7286, 69.3494, 102.3765**.

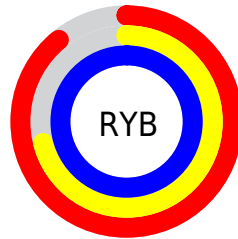
Distribution



Red (89%)

Green (71%)

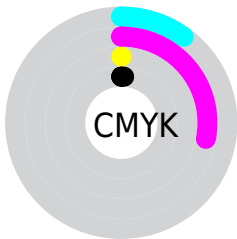
Blue (99%)



Red (89%)

Yellow (71%)

Blue (99%)

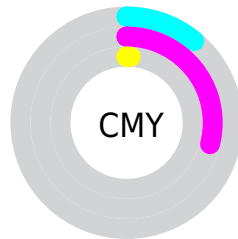


Cyan (10%)

Magenta (28%)

Yellow (0%)

Black (1%)



Cyan (11%)

Magenta (29%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.2484, 56.6336, 100.3682 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 66.2484, 56.6336, 100.3682 by changing the saturation by 10% instead.

66.2484, 56.6336,
100.3682

66.2484, 56.6336,
100.3682

436.7394,
412.0749, 582.6293

48.7425, 40.7111,
75.9895

112.8985, 99.9304,
163.7194

34.6290, 28.0934,
55.9173

142.7735,
128.0735, 203.5289

23.5424, 18.3961,
39.7331

177.5022,
161.0589, 249.3191

15.1174, 11.2347,
27.0183

217.4500,
199.2711, 301.5085

8.9887, 6.2250,
17.3544

262.9823,
243.0944, 360.5157

4.7908, 2.9823,
10.3229

314.4644,

2.1586, 1.1225,

292.9132, 426.7592

5.5051

372.2616,
349.1119, 500.6576

■ 0.7208, 0.0000,
2.4827

■ 0.0000, 0.0000,
0.8310

■ 66.2484, 56.6336,
100.3682

■ 66.2484, 56.6336,
100.3682

■ 58.8476, 45.8637,
98.6803

■ 74.7286, 69.3494,
102.3765

■ 52.4680, 36.9303,
97.2923

■ 84.3314, 84.0986,
104.7173

■ 47.0539, 29.7238,
96.1866

■ 94.4935, 99.7501,
107.2027

■ 42.5415, 24.1201,
95.3428

■ 94.7298, 99.8719,
107.2138

■ 38.8583, 19.9774,
94.7373

■ 35.9192, 17.1286,
94.3424

■ 33.6048, 15.3387,
94.1189

■ 33.2785, 15.1076,
94.0915

Harmonies

Analogous

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



58.2720, 56.6336, 118.2127



66.2484, 56.6336, 100.3682



71.1224, 56.6336, 74.0936

Triad

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



66.2484, 56.6336, 100.3682



58.0095, 56.6336, 26.7194



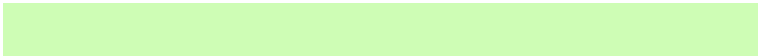
39.6477, 56.6336, 74.9037

Complementary

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



66.2484, 56.6336, 100.3682



68.9213, 86.7100, 56.8229

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.



39.5933, 56.6336, 50.7092



66.2484, 56.6336, 100.3682



49.6169, 56.6336, 26.8292

Square

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



66.2484, 56.6336, 100.3682



66.0390, 56.6336, 34.1077



43.0669, 56.6336, 34.4612



43.2244, 56.6336, 101.0934

Rectangle

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



66.2484, 56.6336, 100.3682



71.6617, 56.6336, 57.3486



43.0669, 56.6336, 34.4612



39.2304, 56.6336, 66.1914

Sweetspot

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



66.2502, 56.6360, 100.3694



85.2894, 84.7412, 106.4692



58.9074, 61.1570, 101.6291



17.9373, 17.6456, 22.7105



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.



66.2502, 56.6360, 100.3694



63.1268, 51.3269, 101.1877



73.0906, 60.3555, 91.9607



18.1445, 17.9662, 22.7615



17.8660, 8.1208, 50.0604



1.8575, 0.8515, 4.8797

Inverse Universe

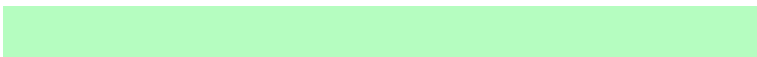
The Inverse Universe completely reimagines the original color for something new.



68.1743, 58.3890, 66.0720



65.5379, 53.4721, 60.5380



63.6756, 83.8727, 62.5886



18.2697, 18.0912, 20.0376



22.5442, 11.5070, 6.2503



2.2443, 1.1401, 0.8677

Previews

White Background



This preview shows how the XYZ color 66.2484, 56.6336, 100.3682 looks on a white background.

Color Contrast Check

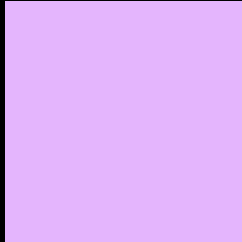
Large Text (above 18pt) WCAG AA × Fail

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 66.2484, 56.6336, 100.3682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

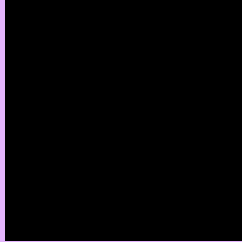
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.2484, 56.6336, 100.3682

Background



This preview shows how black text looks on a background with the XYZ color 66.2484, 56.6336, 100.3682.



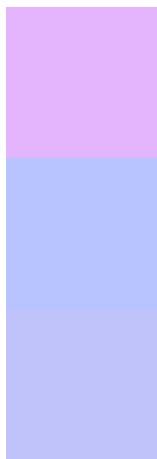
This preview shows how white text looks on a background with the XYZ color 66.2484, 56.6336,

100.3682.

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

66.2484, 56.6336, 100.3682

Protanopia

57.3184, 56.7671, 102.5439

Deuteranopia

58.2563, 57.0087, 98.3758



Tritanopia

59.2517, 56.6068, 65.5609

Trichromacy



Original Color

66.2484, 56.6336, 100.3682



Protanomaly

60.0734, 56.5595, 101.5168



Deuteranomaly

60.7279, 56.6293, 98.9966



Tritanomaly

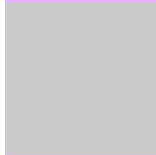
61.6956, 56.6619, 76.7924

Monochromacy



Original Color

66.2484, 56.6336, 100.3682



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

59.7176, 58.2477, 76.5021

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2484, 56.6336, 100.3682 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(228, 181, 253)` looks like.

```
.text, #text, p{  
    color:rgb(228, 181, 253)  
}
```

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(228, 181, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 181, 253) }
```

Border

The CSS property to change the border of an element to XYZ 66.2484, 56.6336, 100.3682 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(228, 181, 253) }
```


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

```
.border{ border-color:rgb(228, 181, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 181, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 181, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 181, 253);  
box-shadow:4px 4px 4px 4px rgb(228, 181,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2484, 56.6336, 100.3682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 181, 253) }
```

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

```
.background{ background-color: rgb(228,  
181, 253) }
```

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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