

Converting Colors

XYZ(66.6510, 64.2634, 90.5329)

Have a look what the booklet for
XYZ(66.6510, 64.2634, 90.5329)
contains.

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Color

**XYZ(66.7547, 64.3160,
90.5572)**

Conversions

Conversions Part 1

Format	Color
Hex	DDCBEF
RGB	221, 203, 239
RGB Percent	87%, 80%, 94%
CMY	0.1333, 0.2039, 0.0627
CMYK	0.08, 0.15, 0.00, 0.06
HSL	270°, 53%, 87%
HSV	270°, 15%, 94%
XYZ	66.7547, 64.3160, 90.5572
YIQ	212.4860, -0.8280, 15.0120

Conversions

Conversions Part 2

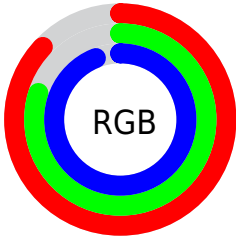
Format	Color
R _{YB}	221, 203, 239
Decimal	14535663
CIE Lab	84.13, 12.85, -15.45
CIE LCh	84, 20.092, 309.758
Yxy	64.3160, 0.3012, 0.2902
Android (android.graphics.Color)	4292725743 (0xFFDDCBEF)
YUV	212.4860, 13.0714, 7.4668
Hunter-Lab	80.1973, 8.2349, -10.8110

Details

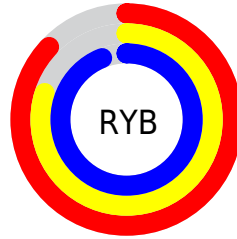
The XYZ color **66.7547, 64.3160, 90.5572** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **71.4670, 81.4186, 68.4516**, and the grayscale version is **62.8204, 66.0920, 71.9742**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.0206, 33.0208, 49.3276** is the 20% darker color. If you saturate the color by 10%, you get **58.0302, 52.0771, 88.6557**, and if you desaturate by 10%, it is **76.6121, 78.4340, 92.7637**.

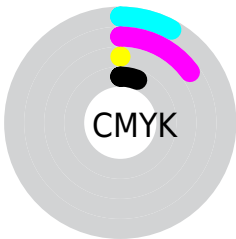
Distribution



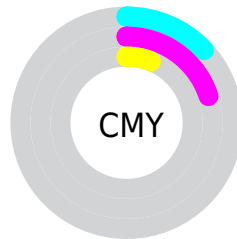
- Red (87%)
- Green (80%)
- Blue (94%)



- Red (87%)
- Yellow (80%)
- Blue (94%)



- Cyan (8%)
- Magenta (15%)
- Yellow (0%)
- Black (6%)



- Cyan (13%)
- Magenta (20%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.7547, 64.3160, 90.5572 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 66.7547, 64.3160, 90.5572 by changing the saturation by 10% instead.

66.7547, 64.3160,
90.5572

66.7547, 64.3160,
90.5572

438.5173,
440.3299, 550.4585

49.1553, 46.9067,
67.8666

113.6206,
111.0659, 150.0544

34.9577, 32.9619,
49.3232

143.6178,
141.1753, 187.6980

23.7967, 22.0972,
34.5085

178.4782,
176.2867, 231.1631

15.3068, 13.9284,
23.0040

218.5673,
216.7847, 280.8681

9.1227, 8.0709,
14.3911

264.2504,
263.0537, 337.2316

4.8790, 4.1403,
8.2514

315.8929,

2.2105, 1.7524,

315.4779, 400.6722

4.1661

373.8601,
374.4418, 471.6083

■ 0.7483, 0.4572,
1.7169

■ 0.0000, 0.0000,
0.3723

■ 66.7547, 64.3160,
90.5572

■ 66.7547, 64.3160,
90.5572

■ 58.0302, 52.0771,
88.6557

■ 76.6121, 78.4340,
92.7637

■ 50.3878, 41.6268,
87.0414

■ 87.6391, 94.4999,
95.2835

■ 43.7811, 32.8795,
85.7012

■ 92.5802, 99.0121,
95.8941

■ 38.1576, 25.7389,
84.6193

■ 33.4600, 20.0989,
83.7782

■ 29.6240, 15.8400,
83.1584

■ 26.5754, 12.8236,
82.7368

■ 24.2245, 10.8800,
82.4856

■ 23.2557, 10.1890,
82.4033

Harmonies

Analogous

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



62.5889, 64.3160, 96.9953



66.7547, 64.3160, 90.5572



69.4955, 64.3160, 78.8337

Triad

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



66.7547, 64.3160, 90.5572



64.1320, 64.3160, 49.5026



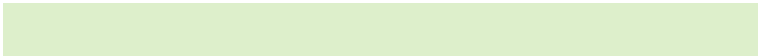
53.0967, 64.3160, 74.2557

Complementary

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



66.7547, 64.3160, 90.5572



71.4670, 81.4186, 68.4516

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.



53.4651, 64.3160, 61.9059



66.7547, 64.3160, 90.5572



59.6948, 64.3160, 48.5907

Square

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



66.7547, 64.3160, 90.5572



67.9312, 64.3160, 55.5269



55.8313, 64.3160, 52.8645



54.7994, 64.3160, 86.8593

Rectangle

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



66.7547, 64.3160, 90.5572



70.0713, 64.3160, 70.1323



55.8313, 64.3160, 52.8645



52.9844, 64.3160, 69.9262

Sweetspot

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



66.7566, 64.3187, 90.5586



88.8098, 90.9440, 107.4809



66.2261, 70.9612, 91.8687



18.8271, 19.2032, 22.9642



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.



66.7566, 64.3187, 90.5586



74.1695, 70.0339, 104.2165



72.3321, 67.1930, 90.8195



15.6503, 15.6169, 19.9111



13.0029, 5.7086, 45.5444



1.1965, 0.5341, 3.7942

Inverse Universe

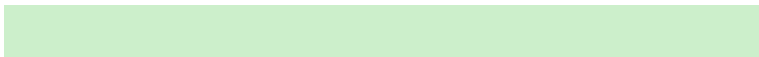
The Inverse Universe completely reimagines the original color for something new.



70.0058, 66.2858, 77.5144



78.6378, 72.7391, 86.2777



66.4406, 78.8274, 68.2164



16.1025, 15.8907, 18.0957



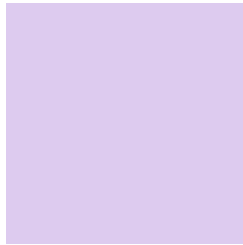
21.5948, 10.9103, 11.0486



1.8467, 0.9277, 1.1836

Previews

White Background



This preview shows how the XYZ color 66.7547, 64.3160, 90.5572 looks on a white background.

Color Contrast Check

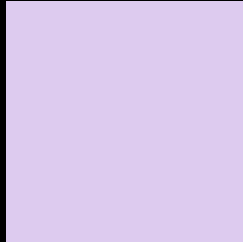
Large Text (above 18pt) WCAG AA × Fail

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 66.7547, 64.3160, 90.5572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

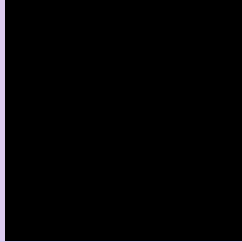
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.7547, 64.3160, 90.5572

Background



This preview shows how black text looks on a background with the XYZ color 66.7547, 64.3160, 90.5572.



This preview shows how white text looks on a background with the XYZ color 66.7547, 64.3160,

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

66.7547, 64.3160, 90.5572

Protanopia

63.4847, 64.3599, 93.0811

Deuteranopia

66.0266, 64.6464, 90.6594



Tritanopia

64.1696, 64.3220, 78.1405

Trichromacy



Original Color

66.7547, 64.3160, 90.5572

Protanomaly

64.5268, 64.1951, 92.2091

Deuteranomaly

66.0863, 64.3232, 90.5938

Tritanomaly

65.0483, 64.3241, 82.3862

Monochromacy



Original Color

66.7547, 64.3160, 90.5572

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

64.0096, 65.3219, 78.3420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7547, 64.3160, 90.5572 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(221, 203, 239)` looks like.

```
.text, #text, p{  
    color:rgb(221, 203, 239)  
}
```

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(221, 203, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 203, 239) }
```

Border

The CSS property to change the border of an element to XYZ 66.7547, 64.3160, 90.5572 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(221, 203, 239) }
```


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

```
.border{ border-color:rgb(221, 203, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 203, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 203, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 203, 239);  
box-shadow:4px 4px 4px 4px rgb(221, 203,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7547, 64.3160, 90.5572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 203, 239) }
```

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

```
.background{ background-color: rgb(221,  
203, 239) }
```

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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