

Converting Colors

XYZ(66.1183, 62.4995, 94.9650)

Have a look what the booklet for XYZ(66.1183, 62.4995, 94.9650) contains.

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Color

**XYZ(66.1183, 62.4995,
94.9650)**

Conversions

Conversions Part 1

Format	Color
Hex	DBC7F5
RGB	219, 199, 245
RGB Percent	86%, 78%, 96%
CMY	0.1412, 0.2196, 0.0392
CMYK	0.11, 0.19, 0.00, 0.04
HSL	266°, 70%, 87%
HSV	266°, 19%, 96%
XYZ	66.1183, 62.4995, 94.9650
YIQ	210.2240, -2.8460, 18.5460

Conversions

Conversions Part 2

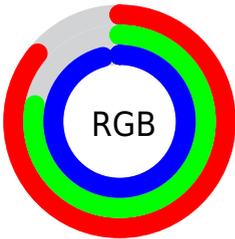
Format	Color
R _Y B	219, 199, 245
Decimal	14403573
CIE Lab	83.18, 15.54, -20.09
CIE LCh	83, 25.396, 307.714
Yxy	62.4995, 0.2957, 0.2795
Android (android.graphics.Color)	4292593653 (0xFFDBC7F5)
YUV	210.2240, 17.1446, 7.6966
Hunter-Lab	79.0566, 10.9378, -15.8811

Details

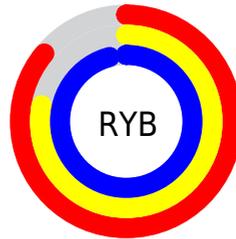
The XYZ color **66.1183, 62.4995, 94.9650** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.0147, 85.4375, 66.6259**, and the grayscale version is **61.2996, 64.4919, 70.2317**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.6205, 31.8174, 52.4608** is the 20% darker color. If you saturate the color by 10%, you get **56.9346, 50.0611, 93.0492**, and if you desaturate by 10%, it is **76.5599, 76.9367, 97.2023**.

Distribution



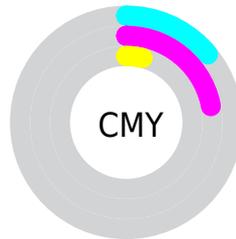
- Red (86%)
- Green (78%)
- Blue (96%)



- Red (86%)
- Yellow (78%)
- Blue (96%)



- Cyan (11%)
- Magenta (19%)
- Yellow (0%)
- Black (4%)



- Cyan (14%)
- Magenta (22%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.1183, 62.4995, 94.9650 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 66.1183, 62.4995, 94.9650 by changing the saturation by 10% instead.

66.1183, 62.4995,
94.9650

66.1183, 62.4995,
94.9650

436.2818,
433.7508, 565.0344

48.6365, 45.4364,
71.5091

112.7129,
108.4471, 156.2114

34.5446, 31.8013,
52.2734

142.5564,
138.1005, 194.8390

23.4771, 21.2098,
36.8393

177.2512,
172.7193, 239.3610

15.0688, 13.2774,
24.7883

217.1626,
212.6882, 290.1958

8.9543, 7.6199,
15.7018

262.6560,
258.3913, 347.7620

4.7683, 3.8527,
9.1613

314.0968,

2.1453, 1.5915,

310.2132, 412.4781

4.7483

371.8503,
368.5382, 484.7627

■ 0.7137, 0.3519,
2.0442

■ 0.0000, 0.0000,
0.5823

■ 66.1183, 62.4995,
94.9650

■ 66.1183, 62.4995,
94.9650

■ 56.9346, 50.0611,
93.0492

■ 76.5599, 76.9367,
97.2023

■ 48.9514, 39.5228,
91.4358

■ 88.3023, 93.4501,
99.7708

■ 42.1150, 30.7888,
90.1103

■ 93.4816, 99.3726,
100.6410

■ 36.3649, 23.7518,
89.0551

■ 31.6345, 18.2926,
88.2507

■ 27.8488, 14.2758,
87.6749

■ 24.9202, 11.5420,
87.3016

■ 22.7247, 9.8595,
87.0925

■ 22.4871, 9.6886,
87.0721

Harmonies

Analogous

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



60.8363, 62.4995, 102.7357



66.1183, 62.4995, 94.9650



69.7483, 62.4995, 80.2093

Triad

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



66.1183, 62.4995, 94.9650



63.5099, 62.4995, 43.6749



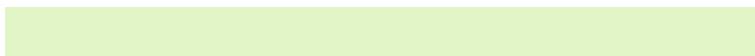
49.5183, 62.4995, 72.2028

Complementary

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



66.1183, 62.4995, 94.9650



74.0147, 85.4375, 66.6259

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.



50.1365, 62.4995, 57.1885



66.1183, 62.4995, 94.9650



57.9941, 62.4995, 42.2106

Square

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



66.1183, 62.4995, 94.9650



68.1786, 62.4995, 51.1380



53.1602, 62.4995, 46.7736



51.4163, 62.4995, 88.3347

Rectangle

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



66.1183, 62.4995, 94.9650



70.6227, 62.4995, 69.2679



53.1602, 62.4995, 46.7736



49.4410, 62.4995, 66.8491

Sweetspot

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



66.1202, 62.5021, 94.9664



87.2514, 89.0202, 107.1917



66.9801, 72.6234, 96.8747



18.5005, 18.8090, 22.9054



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.



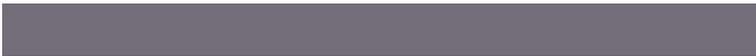
66.1202, 62.5021, 94.9664



67.9468, 62.3636, 103.0639



73.5017, 66.3074, 95.3118



16.2646, 16.2791, 20.8275



12.2663, 5.2978, 46.9141



1.1937, 0.5252, 4.1287

Inverse Universe

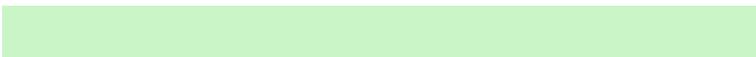
The Inverse Universe completely reimagines the original color for something new.



71.6723, 65.6982, 80.1404



75.2720, 66.5831, 83.3809



67.3385, 81.9958, 66.3134



16.8915, 16.6395, 19.1753



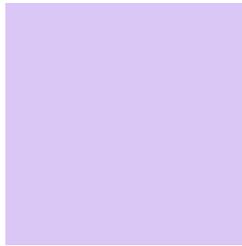
22.8473, 11.4823, 14.4360



2.0596, 1.0298, 1.5402

Previews

White Background



This preview shows how the XYZ color 66.1183, 62.4995, 94.9650 looks on a white background.

Color Contrast Check

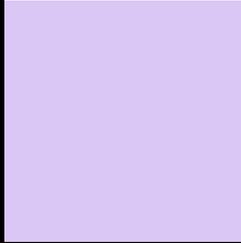
Large Text (above 18pt) WCAG AA × Fail

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 66.1183, 62.4995, 94.9650 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 66.1183, 62.4995, 94.9650

Background



This preview shows how black text looks on a background with the XYZ color 66.1183, 62.4995, 94.9650.



This preview shows how white text looks on a background with the XYZ color 66.1183, 62.4995,

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

66.1183, 62.4995, 94.9650

Protanopia

62.2189, 62.5080, 98.4085

Deuteranopia

63.7442, 62.3280, 94.2588



Tritanopia

62.2985, 62.3263, 76.4568

Trichromacy



Original Color

66.1183, 62.4995, 94.9650

Protanomaly

63.7528, 62.6110, 97.5319

Deuteranomaly

64.6564, 62.4511, 94.2345

Tritanomaly

63.5823, 62.4971, 82.8407

Monochromacy



Original Color

66.1183, 62.4995, 94.9650

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.8312, 63.6165, 78.7797

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1183, 62.4995, 94.9650 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(219, 199, 245)` looks like.

```
.text, #text, p{  
    color:rgb(219, 199, 245)  
}
```

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(219, 199, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 199, 245) }
```

Border

The CSS property to change the border of an element to XYZ 66.1183, 62.4995, 94.9650 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(219, 199, 245) }
```

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

```
.border{ border-color:rgb(219, 199, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 199, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 199, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 199, 245);  
box-shadow:4px 4px 4px 4px rgb(219, 199,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1183, 62.4995, 94.9650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 199, 245) }
```

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

```
.background{ background-color: rgb(219,  
199, 245) }
```

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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