

Converting Colors

XYZ(66.1683, 62.2856,
103.1426)

Have a look what the booklet for
XYZ(66.1683, 62.2856, 103.1426)
contains.

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Color

**XYZ(66.2050, 62.3630,
103.1556)**

Conversions

Conversions Part 1

Format	Color
Hex	D6C7FF
RGB	214, 199, 255
RGB Percent	84%, 78%, 100%
CMY	0.1608, 0.2196, 0.0000
CMYK	0.16, 0.22, 0.00, 0.00
HSL	256°, 100%, 89%
HSV	256°, 22%, 100%
XYZ	66.2050, 62.3630, 103.1556
YIQ	209.8690, -9.0360, 20.5960

Conversions

Conversions Part 2

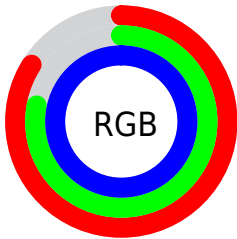
Format	Color
R_{YB}	214, 199, 255
Decimal	14075903
CIE _{Lab}	83.11, 16.04, -25.56
CIE _{LCh}	83, 30.174, 302.113
Yxy	62.3630, 0.2857, 0.2691
Android (android.graphics.Color)	4292265983 (0xFFD6C7FF)
YUV	209.8690, 22.2496, 3.6229
Hunter-Lab	78.9702, 11.4482, -22.1689

Details

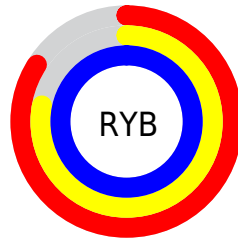
The XYZ color **66.2050, 62.3630, 103.1556** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.0052, 94.1694, 67.8900**, and the grayscale version is **61.0372, 64.2159, 69.9311**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.6165, 31.6989, 57.7201** is the 20% darker color. If you saturate the color by 10%, you get **55.6822, 48.9475, 101.1208**, and if you desaturate by 10%, it is **78.3390, 78.0715, 105.5481**.

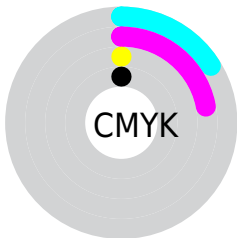
Distribution



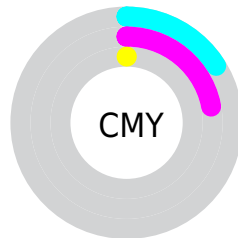
- Red (84%)
- Green (78%)
- Blue (100%)



- Red (84%)
- Yellow (78%)
- Blue (100%)



- Cyan (16%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.2050, 62.3630, 103.1556 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 66.2050, 62.3630, 103.1556 by changing the saturation by 10% instead.

66.2050, 62.3630,
103.1556

66.2050, 62.3630,
103.1556

436.5868,
433.2540, 591.5960

48.7072, 45.3261,
78.3070

112.8366,
108.2500, 167.5766

34.6008, 31.7143,
57.8083

142.7011,
137.8689, 207.9860

23.5206, 21.1434,
41.2408

177.4185,
172.4505, 254.4194

15.1012, 13.2289,
28.1862

217.3542,
212.3793, 307.2955

8.9772, 7.5863,
18.2258

262.8735,
258.0396, 367.0326

4.7833, 3.8314,
10.9411

314.3418,

2.1541, 1.5797,

309.8159, 434.0494

5.9136

372.1244,
368.0926, 508.7643

■ 0.7184, 0.3439,
2.7247

■ 0.0000, 0.0000,
0.9558

■ 66.2050, 62.3630,
103.1556

■ 66.2050, 62.3630,
103.1556

■ 55.6822, 48.9475,
101.1208

■ 78.3390, 78.0715,
105.5481

■ 46.6953, 37.7088,
99.4252

■ 92.1442, 96.1670,
108.3133

■ 39.1707, 28.5317,
98.0504

95.0500, 100.0000,
108.9000

■ 33.0265, 21.2870,
96.9759

■ 28.1720, 15.8308,
96.1786

■ 24.5047, 11.9981,
95.6321

■ 21.9041, 9.5916,
95.3046

■ 20.4549, 8.4598,
95.1625

Harmonies

Analogous

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



59.7384, 62.3630, 110.5671



66.2050, 62.3630, 103.1556



71.0835, 62.3630, 86.1560

Triad

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



66.2050, 62.3630, 103.1556



65.3453, 62.3630, 40.8123



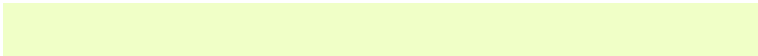
47.5874, 62.3630, 69.2376

Complementary

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



66.2050, 62.3630, 103.1556



82.0052, 94.1694, 67.8900

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.



48.8510, 62.3630, 52.4288



66.2050, 62.3630, 103.1556



58.8123, 62.3630, 37.9254

Square

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



66.2050, 62.3630, 103.1556



70.5621, 62.3630, 50.5192



52.8447, 62.3630, 41.7641



49.2592, 62.3630, 88.8763

Rectangle

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



66.2050, 62.3630, 103.1556



72.6066, 62.3630, 72.9595



52.8447, 62.3630, 41.7641



47.6827, 62.3630, 63.0852

Sweetspot

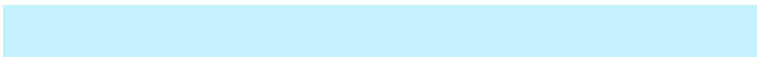
The Sweet Spot groups the original color and five complimentary colors.



66.2068, 62.3655, 103.1560



84.9719, 86.7403, 106.8718



72.7845, 81.7229, 106.5457



18.0099, 18.3333, 22.8394



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.



66.2068, 62.3655, 103.1560



61.7641, 56.6737, 102.2915



75.0699, 66.9346, 103.5708



17.4593, 17.6130, 22.7294



10.8081, 4.4823, 49.7301



1.1508, 0.4872, 4.8467

Inverse Universe

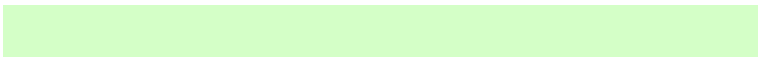
The Inverse Universe completely reimagines the original color for something new.



77.3930, 68.4004, 91.5632



74.6946, 63.6548, 88.6561



73.2410, 89.6512, 67.4798



18.5728, 18.2124, 21.6334



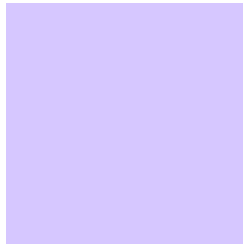
26.2843, 13.0030, 25.9451



2.6047, 1.2842, 2.7657

Previews

White Background



This preview shows how the XYZ color 66.2050, 62.3630, 103.1556 looks on a white background.

Color Contrast Check

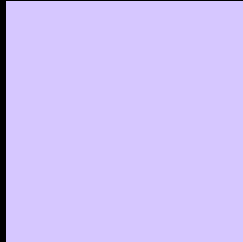
Large Text (above 18pt) WCAG AA × Fail

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 66.2050, 62.3630, 103.1556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

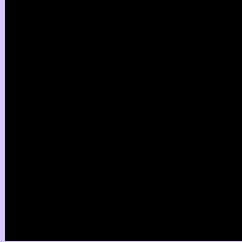
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.2050, 62.3630, 103.1556

Background



This preview shows how black text looks on a background with the XYZ color 66.2050, 62.3630, 103.1556.

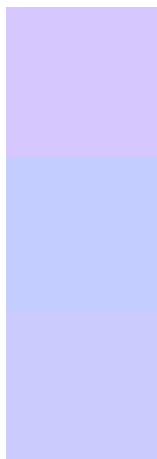


This preview shows how white text looks on a background with the XYZ color 66.2050, 62.3630,

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

66.2050, 62.3630, 103.1556

Protanopia

62.3870, 62.4847, 103.3804

Deuteranopia

63.8739, 62.5641, 102.4755



Tritanopia

60.8949, 62.2930, 77.2209

Trichromacy



Original Color

66.2050, 62.3630, 103.1556

Protanomaly

63.7631, 62.4884, 103.3085

Deuteranomaly

64.7420, 62.6622, 102.4487

Tritanomaly

62.6423, 62.2967, 85.8137

Monochromacy



Original Color

66.2050, 62.3630, 103.1556

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.6627, 63.4825, 80.9022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2050, 62.3630, 103.1556 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, 199, 255)` looks like.

```
.text, #text, p{  
    color:rgb(214, 199, 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(214, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 199, 255) }
```

Border

The CSS property to change the border of an element to XYZ 66.2050, 62.3630, 103.1556 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, 199, 255) }
```


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

```
.border{ border-color:rgb(214, 199, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 199, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 199, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 199, 255);  
box-shadow:4px 4px 4px 4px rgb(214, 199,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2050, 62.3630, 103.1556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 199, 255) }
```

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

```
.background{ background-color: rgb(214,  
199, 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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