

Converting Colors

XYZ(66.3215, 62.0845, 96.5756)

Have a look what the booklet for
XYZ(66.3215, 62.0845, 96.5756)
contains.

XYZ(66.4978, 62.3192, 96.5197)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(66.4978, 62.3192,
96.5197)**

Conversions

Conversions Part 1

Format	Color
Hex	DCC6F7
RGB	220, 198, 247
RGB Percent	86%, 78%, 97%
CMY	0.1372, 0.2235, 0.0314
CMYK	0.11, 0.20, 0.00, 0.03
HSL	267°, 75%, 87%
HSV	267°, 20%, 97%
XYZ	66.4978, 62.3192, 96.5197
YIQ	210.1640, -2.6170, 19.9030

Conversions

Conversions Part 2

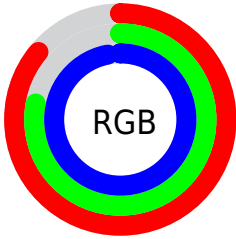
Format	Color
R _Y B	220, 198, 247
Decimal	14468855
CIE Lab	83.08, 16.79, -21.29
CIE LCh	83, 27.117, 308.263
Yxy	62.3192, 0.2951, 0.2766
Android (android.graphics.Color)	4292658935 (0xFFDCC6F7)
YUV	210.1640, 18.1601, 8.6262
Hunter-Lab	78.9425, 12.2114, -17.2316

Details

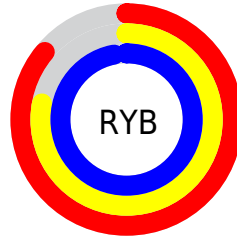
The XYZ color **66.4978, 62.3192, 96.5197** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.5073, 86.6079, 66.2190**, and the grayscale version is **61.2536, 64.4436, 70.1790**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.8943, 31.7074, 53.5712** is the 20% darker color. If you saturate the color by 10%, you get **57.3532, 49.8975, 94.6050**, and if you desaturate by 10%, it is **76.9023, 76.7603, 98.7597**.

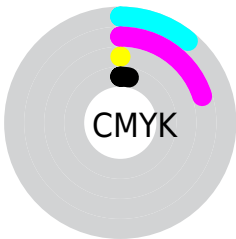
Distribution



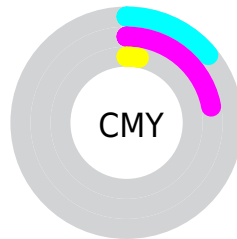
- Red (86%)
- Green (78%)
- Blue (97%)



- Red (86%)
- Yellow (78%)
- Blue (97%)



- Cyan (11%)
- Magenta (20%)
- Yellow (0%)
- Black (3%)



- Cyan (14%)
- Magenta (22%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.4978, 62.3192, 96.5197 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 66.4978, 62.3192, 96.5197 by changing the saturation by 10% instead.

66.4978, 62.3192,
96.5197

66.4978, 62.3192,
96.5197

437.6157,
433.0945, 570.1269

48.9458, 45.2907,
72.7966

113.2543,
108.1867, 158.3761

34.7909, 31.6864,
53.3189

143.1895,
137.7945, 197.3464

23.6676, 21.1221,
37.6679

177.9832,
172.3642, 242.2363

15.2106, 13.2133,
25.4252

218.0006,
212.2801, 293.4641

9.0546, 7.5756,
16.1722

263.6073,
257.9267, 351.4486

4.8342, 3.8246,
9.4904

315.1684,

2.1841, 1.5759,

309.6884, 416.6082

4.9613

373.0495,
367.9495, 489.3615

■ 0.7343, 0.3413,
2.1662

■ 0.0000, 0.0000,
0.6548

■ 66.4978, 62.3192,
96.5197

■ 66.4978, 62.3192,
96.5197

■ 57.3532, 49.8975,
94.6050

■ 76.9023, 76.7603,
98.7597

■ 49.4101, 39.3941,
92.9963

■ 88.6102, 93.2999,
101.3351

■ 42.6141, 30.7108,
91.6784

■ 93.7887, 99.4955,
102.2580

■ 36.9035, 23.7373,
90.6334

■ 32.2105, 18.3510,
89.8411

■ 28.4581, 14.4121,
89.2786

■ 25.5562, 11.7546,
88.9186

■ 23.3632, 10.1113,
88.7170

■ 23.3309, 10.0881,
88.7142

Harmonies

Analogous

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



60.8688, 62.3192, 105.1183



66.4978, 62.3192, 96.5197



70.3431, 62.3192, 80.5394

Triad

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



66.4978, 62.3192, 96.5197



63.5101, 62.3192, 42.0482



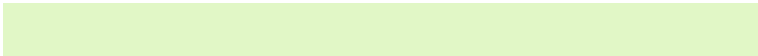
48.7539, 62.3192, 72.6054

Complementary

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



66.4978, 62.3192, 96.5197



74.5073, 86.6079, 66.2190

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.



49.3582, 62.3192, 56.5777



66.4978, 62.3192, 96.5197



57.6259, 62.3192, 40.6380

Square

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



66.4978, 62.3192, 96.5197



68.5404, 62.3192, 49.7474



52.5167, 62.3192, 45.5146



50.8080, 62.3192, 89.8965

Rectangle

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



66.4978, 62.3192, 96.5197



71.2408, 62.3192, 68.8394



52.5167, 62.3192, 45.5146



48.6557, 62.3192, 66.8801

Sweetspot

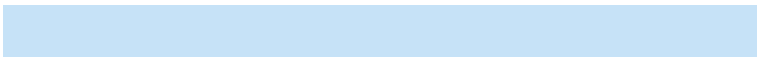
The Sweet Spot groups the original color and five complimentary colors.



66.4997, 62.3218, 96.5211



87.3278, 89.0596, 107.1953



67.2124, 72.9893, 98.5426



18.5185, 18.8183, 22.9062



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.



66.4997, 62.3218, 96.5211



67.2003, 61.1302, 102.8652



74.2001, 66.2915, 96.8815



16.2876, 16.2909, 20.8286



12.4970, 5.4168, 46.9249



1.2149, 0.5361, 4.1297

Inverse Universe

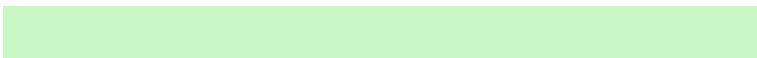
The Inverse Universe completely reimagines the original color for something new.



72.1445, 65.6012, 80.0967



74.4248, 65.3296, 81.7398



67.6151, 83.0548, 65.8965



16.8813, 16.6354, 19.1215



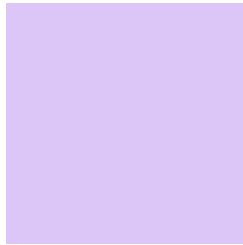
22.7131, 11.4287, 13.7295



2.0480, 1.0252, 1.4792

Previews

White Background



This preview shows how the XYZ color 66.4978, 62.3192, 96.5197 looks on a white background.

Color Contrast Check

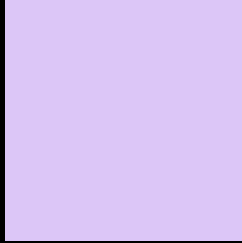
Large Text (above 18pt) WCAG AA × Fail

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 66.4978, 62.3192, 96.5197 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 66.4978, 62.3192, 96.5197

Background



This preview shows how black text looks on a background with the XYZ color 66.4978, 62.3192, 96.5197.



This preview shows how white text looks on a background with the XYZ color 66.4978, 62.3192,

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

66.4978, 62.3192, 96.5197

Protanopia

62.4280, 62.5612, 100.8807

Deuteranopia

63.7675, 62.3048, 95.8539



Tritanopia

62.1665, 62.2734, 75.7613

Trichromacy



Original Color

66.4978, 62.3192, 96.5197

Protanomaly

63.5527, 62.1223, 99.0837

Deuteranomaly

64.6726, 62.4242, 95.8292

Tritanomaly

63.6448, 62.1821, 82.7767

Monochromacy



Original Color

66.4978, 62.3192, 96.5197

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

63.1221, 63.7665, 78.7933

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4978, 62.3192, 96.5197 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(220, 198, 247)` looks like.

```
.text, #text, p{  
    color:rgb(220, 198, 247)  
}
```

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(220, 198, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 198, 247) }
```

Border

The CSS property to change the border of an element to XYZ 66.4978, 62.3192, 96.5197 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(220, 198, 247) }
```


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

```
.border{ border-color:rgb(220, 198, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 198, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 198, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 198, 247);  
box-shadow:4px 4px 4px 4px rgb(220, 198,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4978, 62.3192, 96.5197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 198, 247) }
```

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

```
.background{ background-color: rgb(220,  
198, 247) }
```

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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