

Converting Colors

XYZ(72.8387, 61.4299,
148.5424)

Have a look what the booklet for
XYZ(72.8387, 61.4299, 148.5424)
contains.

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Color

**XYZ(63.9792, 57.9113,
102.4137)**

Conversions

Conversions Part 1

Format	Color
Hex	D6BDFF
RGB	214, 189, 255
RGB Percent	84%, 74%, 100%
CMY	0.1608, 0.2588, 0.0000
CMYK	0.16, 0.26, 0.00, 0.00
HSL	263°, 100%, 87%
HSV	263°, 26%, 100%
XYZ	63.9792, 57.9113, 102.4137
YIQ	203.9990, -6.2860, 25.8260

Conversions

Conversions Part 2

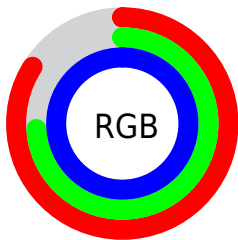
Format	Color
R _Y B	214, 189, 255
Decimal	14073343
CIE Lab	80.69, 21.43, -29.25
CIE LCh	81, 36.263, 306.230
Yxy	57.9113, 0.2852, 0.2582
Android (android.graphics.Color)	4292263423 (0xFFD6BDFF)
YUV	203.9990, 25.1435, 8.7709
Hunter-Lab	76.0995, 16.8964, -26.5221

Details

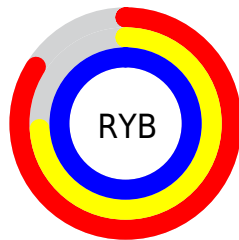
The XYZ color **63.9792, 57.9113, 102.4137** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.5794, 92.0176, 61.8189**, and the grayscale version is **57.2444, 60.2256, 65.5857**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **33.2953, 29.0565, 57.2797** is the 20% darker color. If you saturate the color by 10%, you get **54.5683, 45.6216, 100.5375**, and if you desaturate by 10%, it is **74.8074, 72.3660, 104.6330**.

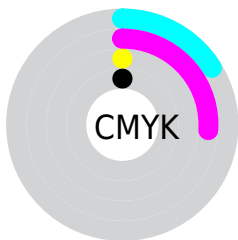
Distribution



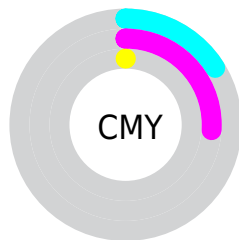
- Red (84%)
- Green (74%)
- Blue (100%)



- Red (84%)
- Yellow (74%)
- Blue (100%)



- Cyan (16%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.9792, 57.9113, 102.4137 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 63.9792, 57.9113, 102.4137 by changing the saturation by 10% instead.

63.9792, 57.9113,
102.4137

63.9792, 57.9113,
102.4137

428.7179,
416.8553, 589.2164

46.8954, 41.7373,
77.6898

109.6549,
101.7937, 166.5509

33.1606, 28.8957,
57.3042

138.9775,
130.2709, 206.8013

22.4093, 19.0019,
40.8386

173.1105,
163.6180, 253.0643

14.2763, 11.6717,
27.8742

212.4192,
202.2193, 305.7583

8.3960, 6.5205,
17.9926

257.2689,
246.4594, 365.3021

4.4033, 3.1641,
10.7753

308.0250,

1.9327, 1.2180,

296.7224, 432.1139

5.8037

365.0529,
353.3930, 506.6126

■ 0.5958, 0.0763,
2.6592

■ 0.0000, 0.0000,
0.9228

■ 63.9792, 57.9113,
102.4137

■ 63.9792, 57.9113,
102.4137

■ 54.5683, 45.6216,
100.5375

■ 74.8074, 72.3660,
104.6330

■ 46.5064, 35.3824,
98.9861

■ 87.1068, 89.0786,
107.2106

■ 39.7267, 27.0789,
97.7407

95.0500, 100.0000,
108.9000

■ 34.1542, 20.5819,
96.7803

■ 29.7051, 15.7458,
96.0813

■ 26.2829, 12.4009,
95.6161

■ 23.7710, 10.3386,
95.3504

■ 22.9363, 9.7390,
95.2787

Harmonies

Analogous

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



56.6170, 57.9113, 113.4453



63.9792, 57.9113, 102.4137



69.2672, 57.9113, 81.1380

Triad

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



63.9792, 57.9113, 102.4137



61.0397, 57.9113, 32.3963



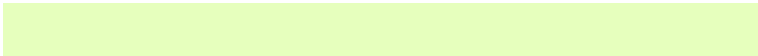
41.9595, 57.9113, 67.6275

Complementary

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



63.9792, 57.9113, 102.4137



77.5794, 92.0176, 61.8189

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.



42.9129, 57.9113, 47.8815



63.9792, 57.9113, 102.4137



53.4983, 57.9113, 30.3574

Square

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



63.9792, 57.9113, 102.4137



67.4655, 57.9113, 41.7278



46.9801, 57.9113, 35.3462



44.2473, 57.9113, 90.6370

Rectangle

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



63.9792, 57.9113, 102.4137



70.6609, 57.9113, 65.7999



46.9801, 57.9113, 35.3462



41.9146, 57.9113, 60.3886

Sweetspot

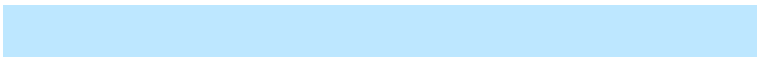
The Sweet Spot groups the original color and five complimentary colors.



63.9809, 57.9136, 102.4140



84.3743, 85.3431, 106.6336



67.5578, 75.0802, 105.5390



17.6532, 17.7130, 22.7385



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.



63.9809, 57.9136, 102.4140



58.9895, 51.3576, 101.4117



74.3250, 63.2462, 102.8981



17.6532, 17.7130, 22.7385



12.1372, 5.1674, 49.7923



1.2985, 0.5633, 4.8536

Inverse Universe

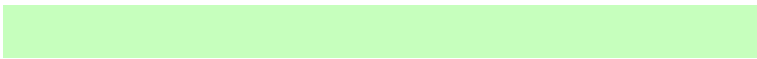
The Inverse Universe completely reimagines the original color for something new.



73.7217, 63.3703, 83.2102



70.3539, 57.7304, 78.7098



68.1828, 87.1734, 61.3791



18.4839, 18.1769, 21.1652



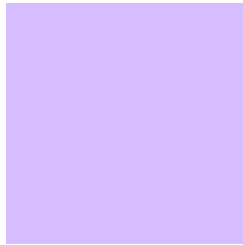
24.8670, 12.4361, 18.4817



2.4744, 1.2321, 2.0796

Previews

White Background



This preview shows how the XYZ color 63.9792, 57.9113, 102.4137 looks on a white background.

Color Contrast Check

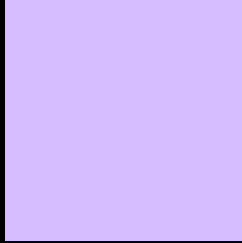
Large Text (above 18pt) WCAG AA × Fail

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 63.9792, 57.9113, 102.4137 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 63.9792, 57.9113, 102.4137

Background



This preview shows how black text looks on a background with the XYZ color 63.9792, 57.9113, 102.4137.



This preview shows how white text looks on a background with the XYZ color 63.9792, 57.9113,

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

63.9792, 57.9113, 102.4137

Protanopia

58.4938, 58.0473, 102.7290

Deuteranopia

59.4341, 58.2308, 101.0357



Tritanopia

57.5820, 57.9514, 70.4382

Trichromacy



Original Color

63.9792, 57.9113, 102.4137

Protanomaly

60.3301, 57.9860, 102.6204

Deuteranomaly

61.0006, 58.0187, 101.7496

Tritanomaly

59.8737, 57.8866, 81.4163

Monochromacy



Original Color

63.9792, 57.9113, 102.4137

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

59.7551, 59.5845, 78.1636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.9792, 57.9113, 102.4137 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, 189, 255)` looks like.

```
.text, #text, p{  
    color:rgb(214, 189, 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, 189, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 189, 255) }
```

Border

The CSS property to change the border of an element to XYZ 63.9792, 57.9113, 102.4137 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, 189, 255) }
```


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

```
.border{ border-color:rgb(214, 189, 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, 189, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 189, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 189, 255);  
box-shadow:4px 4px 4px 4px rgb(214, 189,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 63.9792, 57.9113, 102.4137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 189, 255) }
```

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

```
.background{ background-color: rgb(214,  
189, 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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