

Converting Colors

XYZ(62.3024, 55.9507, 94.7046)

Have a look what the booklet for
XYZ(62.3024, 55.9507, 94.7046)
contains.

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Color

**XYZ(62.3024, 55.9507,
94.7046)**

Conversions

Conversions Part 1

Format	Color
Hex	D8B9F6
RGB	216, 185, 246
RGB Percent	85%, 73%, 96%
CMY	0.1529, 0.2745, 0.0353
CMYK	0.12, 0.25, 0.00, 0.04
HSL	270°, 77%, 85%
HSV	270°, 25%, 96%
XYZ	62.3024, 55.9507, 94.7046
YIQ	201.2230, -1.1050, 25.5430

Conversions

Conversions Part 2

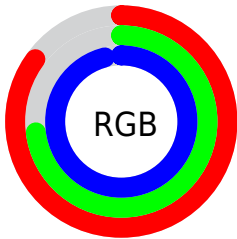
Format	Color
R _Y B	216, 185, 246
Decimal	14203382
CIE Lab	79.59, 22.33, -26.11
CIE LCh	80, 34.355, 310.536
Yxy	55.9507, 0.2926, 0.2627
Android (android.graphics.Color)	4292393462 (0xFFD8B9F6)
YUV	201.2230, 22.0751, 12.9594
Hunter-Lab	74.8002, 17.7754, -22.7070

Details

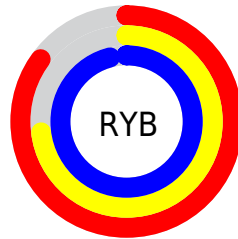
The XYZ color **62.3024, 55.9507, 94.7046** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.7390, 83.8628, 58.4131**, and the grayscale version is **55.5250, 58.4167, 63.6158**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **32.2435, 27.7973, 52.3812** is the 20% darker color. If you saturate the color by 10%, you get **54.1511, 44.7597, 92.9750**, and if you desaturate by 10%, it is **71.6108, 69.0627, 96.7457**.

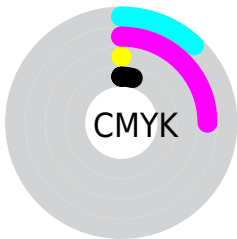
Distribution



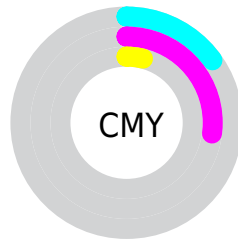
- Red (85%)
- Green (73%)
- Blue (96%)



- Red (85%)
- Yellow (73%)
- Blue (96%)



- Cyan (12%)
- Magenta (25%)
- Yellow (0%)
- Black (4%)



- Cyan (15%)
- Magenta (27%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3024, 55.9507, 94.7046 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 62.3024, 55.9507, 94.7046 by changing the saturation by 10% instead.

62.3024, 55.9507,
94.7046

62.3024, 55.9507,
94.7046

422.7333,
409.5057, 564.1790

45.5336, 40.1634,
71.2936

107.2499, 98.9325,
155.8485

32.0810, 27.6660,
52.0985

136.1594,
126.8958, 194.4185

21.5792, 18.0740,
36.7008

169.8465,
159.6865, 238.8786

13.6629, 11.0031,
24.6820

208.6765,
197.6891, 289.6473

7.9667, 6.0689,
15.6234

253.0148,
241.2879, 347.1431

4.1253, 2.8871,
9.1066

303.2268,

1.7733, 1.0731,

290.8673, 411.7847

4.7130

359.6779,
346.8118, 483.9904

■ 0.5015, 0.0000,
2.0241

■ 0.0000, 0.0000,
0.5700

■ 62.3024, 55.9507,
94.7046

■ 62.3024, 55.9507,
94.7046

■ 54.1511, 44.7597,
92.9750

■ 71.6108, 69.0627,
96.7457

■ 47.1002, 35.3882,
91.5378

■ 82.1189, 84.1765,
99.1092

■ 41.0955, 27.7355,
90.3771

■ 92.6477, 98.9251,
101.4010

■ 36.0759, 21.6882,
89.4744

■ 93.6347, 99.4339,
101.4472

■ 31.9729, 17.1186,
88.8087

■ 28.7077, 13.8786,
88.3554

■ 26.1845, 11.7869,
88.0846

■ 25.0942, 11.0149,
87.9931

Harmonies

Analogous

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



55.6493, 55.9507, 106.5774



62.3024, 55.9507, 94.7046



66.7340, 55.9507, 74.5176

Triad

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



62.3024, 55.9507, 94.7046



57.7364, 55.9507, 31.5973



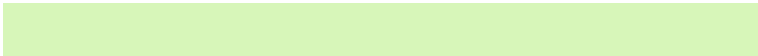
41.1438, 55.9507, 68.1564

Complementary

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



62.3024, 55.9507, 94.7046



69.7390, 83.8628, 58.4131

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.



41.5971, 55.9507, 49.0875



62.3024, 55.9507, 94.7046



50.7838, 55.9507, 30.6168

Square

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



62.3024, 55.9507, 94.7046



63.9437, 55.9507, 39.3628



44.9936, 55.9507, 36.3113



43.6966, 55.9507, 89.1883

Rectangle

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



62.3024, 55.9507, 94.7046



67.6217, 55.9507, 60.5648



44.9936, 55.9507, 36.3113



40.9555, 55.9507, 61.2782

Sweetspot

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



62.3042, 55.9530, 94.7058



86.4613, 87.5081, 106.9415



61.0721, 65.8262, 96.6765



18.3544, 18.5109, 22.8555



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.



62.3042, 55.9530, 94.7058



62.7973, 54.0695, 101.7344



71.9911, 60.9468, 95.1592



16.3840, 16.3406, 20.8331



13.5566, 5.9630, 46.9745



1.3101, 0.5852, 4.1341

Inverse Universe

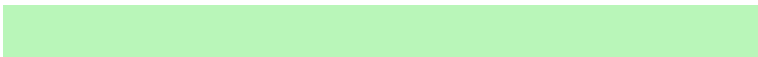
The Inverse Universe completely reimagines the original color for something new.



67.6226, 59.1994, 72.1550



69.6708, 58.2644, 72.6239



61.7223, 79.7300, 58.0379



16.8389, 16.6184, 18.8981



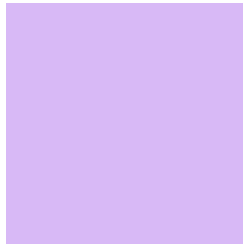
22.1984, 11.2228, 11.0190



2.0028, 1.0071, 1.2412

Previews

White Background



This preview shows how the XYZ color 62.3024, 55.9507, 94.7046 looks on a white background.

Color Contrast Check

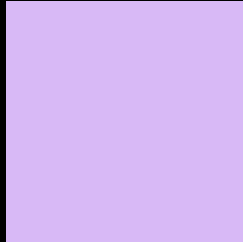
Large Text (above 18pt) WCAG AA × Fail

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 62.3024, 55.9507, 94.7046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

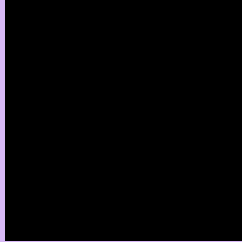
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.3024, 55.9507, 94.7046

Background



This preview shows how black text looks on a background with the XYZ color 62.3024, 55.9507, 94.7046.

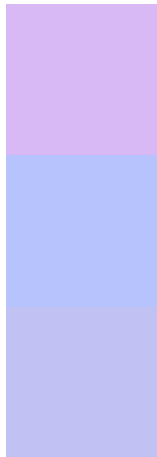


This preview shows how white text looks on a background with the XYZ color 62.3024, 55.9507,

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

62.3024, 55.9507, 94.7046

Protanopia

56.5361, 56.0671, 100.7708

Deuteranopia

57.3914, 56.0090, 93.3739



Tritanopia

56.6905, 55.9059, 66.8345

Trichromacy



Original Color

62.3024, 55.9507, 94.7046

Protanomaly

58.1343, 55.6331, 98.1167

Deuteranomaly

58.9823, 55.8370, 94.0551

Tritanomaly

58.4001, 55.6127, 76.0629

Monochromacy



Original Color

62.3024, 55.9507, 94.7046

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.4931, 57.1618, 73.6488

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3024, 55.9507, 94.7046 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(216, 185, 246)` looks like.

```
.text, #text, p{  
    color:rgb(216, 185, 246)  
}
```

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(216, 185, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 185, 246) }
```

Border

The CSS property to change the border of an element to XYZ 62.3024, 55.9507, 94.7046 is called "border". The border property can be set on classes, ids or directly on the HTML element.

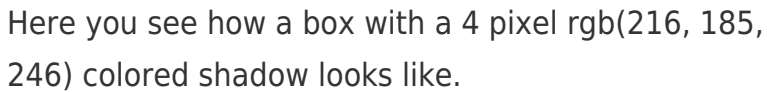
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 185, 246) }
```


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

```
.border{ border-color:rgb(216, 185, 246) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 185, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 185, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 185, 246); box-shadow:4px 4px 4px 4px rgb(216, 185, 246) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3024, 55.9507, 94.7046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 185, 246) }
```

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

```
.background{ background-color: rgb(216,  
185, 246) }
```

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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