

Converting Colors

XYZ(62.5412, 54.3418, 95.7651)

Have a look what the booklet for
XYZ(62.5412, 54.3418, 95.7651)
contains.

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Color

**XYZ(62.5786, 54.2332,
95.9767)**

Conversions

Conversions Part 1

Format	Color
Hex	DCB3F8
RGB	220, 179, 248
RGB Percent	86%, 70%, 97%
CMY	0.1372, 0.2980, 0.0274
CMYK	0.11, 0.28, 0.00, 0.03
HSL	276°, 83%, 84%
HSV	276°, 28%, 97%
XYZ	62.5786, 54.2332, 95.9767
YIQ	199.1250, 2.2870, 30.1510

Conversions

Conversions Part 2

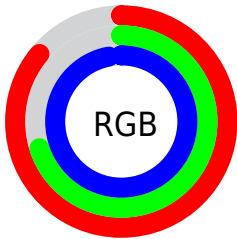
Format	Color
R _Y B	220, 179, 248
Decimal	14463992
CIE _{Lab}	78.60, 27.23, -28.66
CIE _{LCh}	79, 39.535, 313.529
Yxy	54.2332, 0.2941, 0.2549
Android (android.graphics.Color)	4292654072 (0xFFDCB3F8)
YUV	199.1250, 24.0954, 18.3074
Hunter-Lab	73.6432, 22.8055, -25.7204

Details

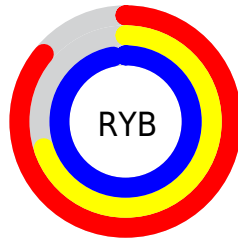
The XYZ color **62.5786, 54.2332, 95.9767** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **67.4380, 83.6562, 55.2433**, and the grayscale version is **54.2204, 57.0440, 62.1210**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **32.1747, 26.5758, 52.7241** is the 20% darker color. If you saturate the color by 10%, you get **55.0936, 43.6488, 94.3291**, and if you desaturate by 10%, it is **71.1443, 66.7043, 97.9333**.

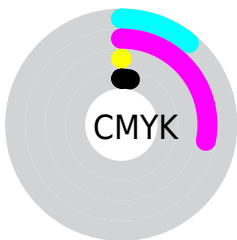
Distribution



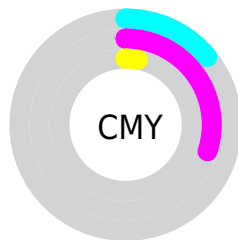
- Red (86%)
- Green (70%)
- Blue (97%)



- Red (86%)
- Yellow (70%)
- Blue (97%)



- Cyan (11%)
- Magenta (28%)
- Yellow (0%)
- Black (3%)



- Cyan (14%)
- Magenta (30%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5786, 54.2332, 95.9767 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 62.5786, 54.2332, 95.9767 by changing the saturation by 10% instead.

62.5786, 54.2332,
95.9767

62.5786, 54.2332,
95.9767

423.7225,
402.9986, 568.3511

45.7578, 38.7881,
72.3468

107.6466, 96.4166,
157.6204

32.2585, 26.5949,
52.9534

136.6244,
123.9236, 196.4713

21.7155, 17.2693,
37.3781

170.3852,
156.2202, 241.2330

13.7635, 10.4266,
25.2023

209.2945,
193.6906, 292.3239

8.0369, 5.6827,
16.0075

253.7175,
236.7192, 350.1626

4.1706, 2.6531,
9.3750

304.0196,

1.7991, 0.9535,

285.6905, 415.1677

4.8865

360.5662,
340.9889, 487.7577

■ 0.5171, 0.0000,
2.1232

■ 0.0000, 0.0000,
0.6295

■ 62.5786, 54.2332,
95.9767

■ 62.5786, 54.2332,
95.9767

■ 55.0936, 43.6488,
94.3291

■ 71.1443, 66.7043,
97.9333

■ 48.6330, 34.8468,
92.9706

■ 80.8329, 81.1457,
100.2101

■ 43.1427, 27.7229,
91.8849

■ 91.6906, 97.6438,
102.8223

■ 38.5612, 22.1590,
91.0525

■ 93.9434, 99.5574,
103.0729

■ 34.8188, 18.0209,
90.4510

■ 31.8340, 15.1506,
90.0543

■ 29.4980, 13.3365,
89.8272

■ 29.0410, 13.0139,
89.7890

Harmonies

Analogous

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



55.1348, 54.2332, 111.4130



62.5786, 54.2332, 95.9767



67.3040, 54.2332, 72.0820

Triad

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



62.5786, 54.2332, 95.9767



55.9162, 54.2332, 26.7019



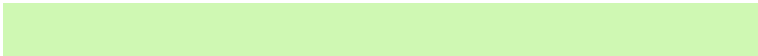
38.3002, 54.2332, 69.6767

Complementary

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



62.5786, 54.2332, 95.9767



67.4380, 83.6562, 55.2433

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.



38.4639, 54.2332, 47.6930



62.5786, 54.2332, 95.9767



48.1184, 54.2332, 26.3671

Square

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



62.5786, 54.2332, 95.9767



63.2002, 54.2332, 34.1386



41.8946, 54.2332, 33.0680



41.4223, 54.2332, 93.8375

Rectangle

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



62.5786, 54.2332, 95.9767



68.0076, 54.2332, 56.4469



41.8946, 54.2332, 33.0680



37.9831, 54.2332, 61.7335

Sweetspot

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



62.5804, 54.2355, 95.9779



85.9036, 86.1314, 106.7052



58.0307, 61.3531, 97.5915



18.0380, 17.9113, 22.7565



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.



62.5804, 54.2355, 95.9779



62.3583, 51.6381, 101.2882



70.8976, 58.6247, 91.7814



17.2720, 17.1529, 21.7858



15.8508, 7.1141, 48.5113



1.5881, 0.7207, 4.4986

Inverse Universe

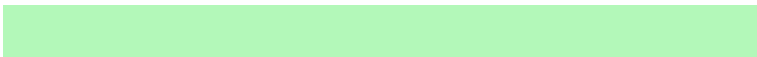
The Inverse Universe completely reimagines the original color for something new.



66.0957, 56.7039, 66.4951



66.7938, 54.7369, 64.8014



60.8903, 80.2121, 58.0364



17.5365, 17.3420, 19.4151



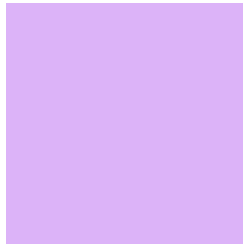
22.2365, 11.3103, 7.9539



2.1105, 1.0679, 1.0053

Previews

White Background



This preview shows how the XYZ color 62.5786, 54.2332, 95.9767 looks on a white background.

Color Contrast Check

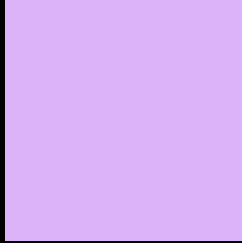
Large Text (above 18pt) WCAG AA × Fail

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 62.5786, 54.2332, 95.9767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

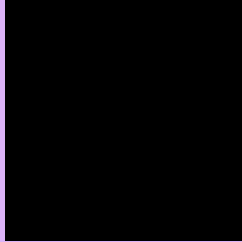
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.5786, 54.2332, 95.9767

Background



This preview shows how black text looks on a background with the XYZ color 62.5786, 54.2332, 95.9767.

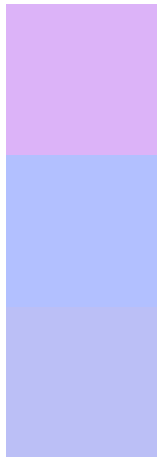


This preview shows how white text looks on a background with the XYZ color 62.5786, 54.2332,

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

62.5786, 54.2332, 95.9767

Protanopia

55.2597, 54.3843, 102.1925

Deuteranopia

55.7589, 54.4802, 94.7657



Tritanopia

56.0845, 54.3768, 63.4169

Trichromacy



Original Color

62.5786, 54.2332, 95.9767

Protanomaly

57.3333, 53.9064, 99.4786

Deuteranomaly

58.1120, 54.3982, 95.4327

Tritanomaly

58.4540, 54.4113, 74.4394

Monochromacy



Original Color

62.5786, 54.2332, 95.9767

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

57.1061, 55.9744, 73.4400

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5786, 54.2332, 95.9767 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, 179, 248)` looks like.

```
.text, #text, p{  
    color:rgb(220, 179, 248)  
}
```

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, 179, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 179, 248) }
```

Border

The CSS property to change the border of an element to XYZ 62.5786, 54.2332, 95.9767 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, 179, 248) }
```


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

```
.border{ border-color:rgb(220, 179, 248) }
```

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

Here you see how a box with a 4 pixel rgb(220, 179, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 179, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 179, 248);  
box-shadow:4px 4px 4px 4px rgb(220, 179,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5786, 54.2332, 95.9767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 179, 248) }
```

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

```
.background{ background-color: rgb(220,  
179, 248) }
```

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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