

Converting Colors

XYZ(62.5833, 54.3613, 90.4337)

Have a look what the booklet for
XYZ(62.5833, 54.3613, 90.4337)
contains.

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Color

**XYZ(62.4287, 54.2790,
90.4056)**

Conversions

Conversions Part 1

Format	Color
Hex	DFB3F1
RGB	223, 179, 241
RGB Percent	87%, 70%, 95%
CMY	0.1255, 0.2980, 0.0549
CMYK	0.07, 0.26, 0.00, 0.05
HSL	283°, 69%, 82%
HSV	283°, 26%, 95%
XYZ	62.4287, 54.2790, 90.4056
YIQ	199.2240, 6.3220, 28.6100

Conversions

Conversions Part 2

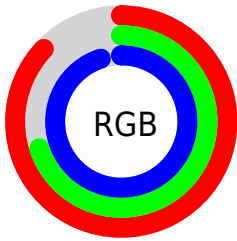
Format	Color
R _Y B	223, 179, 241
Decimal	14660593
CIE Lab	78.62, 26.77, -24.83
CIE LCh	79, 36.512, 317.145
Yxy	54.2790, 0.3014, 0.2621
Android (android.graphics.Color)	4292850673 (0xFFDFB3F1)
YUV	199.2240, 20.5956, 20.8516
Hunter-Lab	73.6743, 22.3239, -21.1827

Details

The XYZ color **62.4287, 54.2790, 90.4056** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **62.6197, 78.0369, 54.4125**, and the grayscale version is **54.2998, 57.1276, 62.2120**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **32.1542, 26.6400, 49.3463** is the 20% darker color. If you saturate the color by 10%, you get **55.9032, 44.3616, 88.8361**, and if you desaturate by 10%, it is **69.8908, 65.9351, 92.2630**.

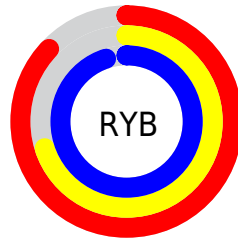
Distribution



Red (87%)

Green (70%)

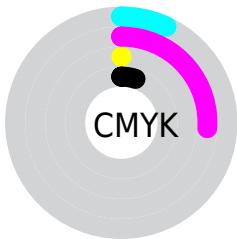
Blue (95%)



Red (87%)

Yellow (70%)

Blue (95%)

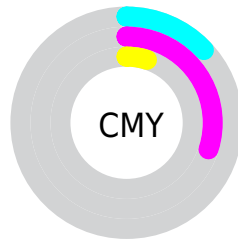


Cyan (7%)

Magenta (26%)

Yellow (0%)

Black (5%)



Cyan (13%)


Magenta (30%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.4287, 54.2790, 90.4056 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 62.4287, 54.2790, 90.4056 by changing the saturation by 10% instead.


 62.4287, 54.2790,
90.4056

 62.4287, 54.2790,
90.4056


423.1858,
403.1730, 549.9535

 45.6361, 38.8248,
67.7415


 107.4313, 96.4838,
149.8421

 32.1622, 26.6234,
49.2221


136.3721,
124.0031, 187.4516

 21.6415, 17.2906,
34.4288


170.0929,
156.3129, 230.8799

 13.7089, 10.4419,
22.9432

208.9592,
193.7976, 280.5456

 7.9988, 5.6929,
14.3467

253.3362,
236.8416, 336.8673

 4.1460, 2.6593,
8.2207

303.5895,

 1.7850, 0.9566,

285.8292, 400.2635

4.1467

360.0842,
341.1449, 471.1527

■ 0.5086, 0.0000,
1.7062

■ 0.0000, 0.0000,
0.3649

■ 62.4287, 54.2790,
90.4056

■ 62.4287, 54.2790,
90.4056

■ 55.9032, 44.3616,
88.8361

■ 69.8908, 65.9351,
92.2630

■ 50.2643, 36.0876,
87.5363

■ 78.3261, 79.4050,
94.4184

■ 45.4645, 29.3629,
86.4913

■ 87.7755, 94.7678,
96.8856

■ 41.4499, 24.0811,
85.6834

■ 91.4172, 98.3782,
97.3906

■ 38.1594, 20.1218,
85.0926

■ 92.8773, 99.1309,
97.4589

■ 35.5220, 17.3445,
84.6955

■ 33.4501, 15.5761,
84.4633

■ 32.6790, 15.0125,
84.3952

Harmonies

Analogous

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



55.7837, 54.2790, 105.7046



62.4287, 54.2790, 90.4056



66.3118, 54.2790, 68.3757

Triad

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



62.4287, 54.2790, 90.4056



54.7349, 54.2790, 28.2417



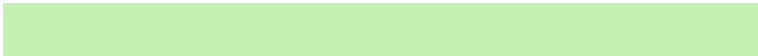
39.4513, 54.2790, 71.5868

Complementary

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



62.4287, 54.2790, 90.4056



62.6197, 78.0369, 54.4125

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.



39.2272, 54.2790, 50.7047



62.4287, 54.2790, 90.4056



47.6130, 54.2790, 28.7143

Square

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



62.4287, 54.2790, 90.4056



61.5996, 54.2790, 34.5232



42.0855, 54.2790, 36.0118



42.7291, 54.2790, 93.2229

Rectangle

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



62.4287, 54.2790, 90.4056



66.5955, 54.2790, 54.3012



42.0855, 54.2790, 36.0118



39.0279, 54.2790, 64.1748

Sweetspot

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



62.4304, 54.2813, 90.4068



86.7384, 86.5618, 106.7442



54.5724, 56.1424, 91.1802



18.2488, 18.0200, 22.7663



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.



62.4304, 54.2813, 90.4068



66.8604, 55.4152, 101.7800



66.4843, 56.5780, 81.2541



15.9812, 15.7875, 19.9266



17.8613, 8.2132, 45.7718



1.5841, 0.7339, 3.8124

Inverse Universe

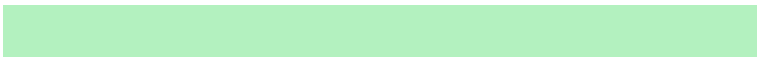
The Inverse Universe completely reimagines the original color for something new.



62.4755, 54.9744, 60.1439



67.0527, 56.4099, 61.3262



59.4956, 76.2749, 61.1104



15.9615, 15.8343, 17.3536



20.3211, 10.4009, 4.3414



1.7322, 0.8819, 0.5805

Previews

White Background



This preview shows how the XYZ color 62.4287, 54.2790, 90.4056 looks on a white background.

Color Contrast Check

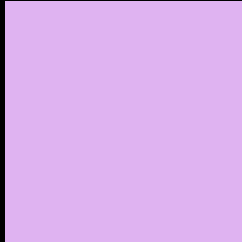
Large Text (above 18pt) WCAG AA × Fail

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 62.4287, 54.2790, 90.4056 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 62.4287, 54.2790, 90.4056

Background



This preview shows how black text looks on a background with the XYZ color 62.4287, 54.2790, 90.4056.



This preview shows how white text looks on a background with the XYZ color 62.4287, 54.2790,

90.4056.

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

62.4287, 54.2790, 90.4056

Protanopia

55.3049, 54.8083, 98.9310

Deuteranopia

55.9490, 54.7001, 89.2707



Tritanopia

56.7168, 54.0866, 62.7088

Trichromacy



Original Color

62.4287, 54.2790, 90.4056

Protanomaly

57.5367, 54.4176, 95.4668

Deuteranomaly

58.1271, 54.5284, 89.8995

Tritanomaly

58.5416, 53.8849, 72.2811

Monochromacy



Original Color

62.4287, 54.2790, 90.4056

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.9997, 55.9642, 71.4163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4287, 54.2790, 90.4056 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(223, 179, 241)` looks like.

```
.text, #text, p{  
    color:rgb(223, 179, 241)  
}
```

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(223, 179, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 179, 241) }
```

Border

The CSS property to change the border of an element to XYZ 62.4287, 54.2790, 90.4056 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(223, 179, 241) }
```


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

```
.border{ border-color:rgb(223, 179, 241) }
```

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

Here you see how a box with a 4 pixel rgb(223, 179, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 179, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 179, 241);  
box-shadow:4px 4px 4px 4px rgb(223, 179,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4287, 54.2790, 90.4056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 179, 241) }
```

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

```
.background{ background-color: rgb(223,  
179, 241) }
```

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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