

Converting Colors

XYZ(62.7792, 54.5170, 91.4154)

Have a look what the booklet for
XYZ(62.7792, 54.5170, 91.4154)
contains.

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Color

**XYZ(62.5785, 54.3390,
91.1946)**

Conversions

Conversions Part 1

Format	Color
Hex	DFB3F2
RGB	223, 179, 242
RGB Percent	87%, 70%, 95%
CMY	0.1255, 0.2980, 0.0510
CMYK	0.08, 0.26, 0.00, 0.05
HSL	282°, 71%, 83%
HSV	282°, 26%, 95%
XYZ	62.5785, 54.3390, 91.1946
YIQ	199.3380, 6.0010, 28.9210

Conversions

Conversions Part 2

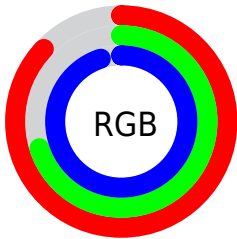
Format	Color
R _Y B	223, 179, 242
Decimal	14660594
CIE Lab	78.66, 26.96, -25.32
CIE LCh	79, 36.987, 316.802
Yxy	54.3390, 0.3007, 0.2611
Android (android.graphics.Color)	4292850674 (0xFFDFB3F2)
YUV	199.3380, 21.0324, 20.7516
Hunter-Lab	73.7150, 22.5319, -21.7486

Details

The XYZ color **62.5785, 54.3390, 91.1946** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **63.1794, 78.7661, 54.5239**, and the grayscale version is **54.3671, 57.1985, 62.2891**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **32.2601, 26.6824, 49.9043** is the 20% darker color. If you saturate the color by 10%, you get **55.9473, 44.3424, 89.6154**, and if you desaturate by 10%, it is **70.1612, 66.0924, 93.0644**.

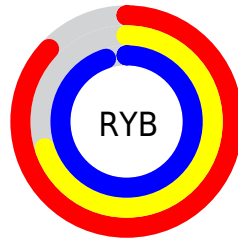
Distribution



Red (87%)

Green (70%)

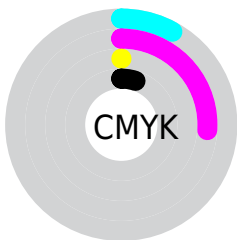
Blue (95%)



Red (87%)

Yellow (70%)

Blue (95%)

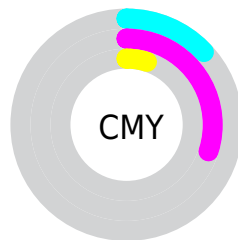


Cyan (8%)

Magenta (26%)

Yellow (0%)

Black (5%)



Cyan (13%)

Magenta (30%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5785, 54.3390, 91.1946 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 62.5785, 54.3390, 91.1946 by changing the saturation by 10% instead.


 62.5785, 54.3390,
91.1946

 62.5785, 54.3390,
91.1946


423.7222,
403.4014, 552.5793

 45.7577, 38.8728,
68.3926


 107.6464, 96.5718,
150.9466

 32.2584, 26.6608,
49.7485

136.6242,
124.1072, 188.7337

 21.7155, 17.3186,
34.8438


170.3851,
156.4343, 232.3529

 13.7634, 10.4619,
23.2600

209.2943,
193.9377, 282.2227

 8.0369, 5.7063,
14.5785

253.7172,
237.0017, 338.7617

 4.1706, 2.6673,
8.3808

304.0193,

 1.7991, 0.9606,

286.0108, 402.3885

4.2483

360.5658,
341.3492, 473.5215

■ 0.5171, 0.0000,
1.7625

■ 0.0000, 0.0000,
0.4031

■ 62.5785, 54.3390,
91.1946

■ 62.5785, 54.3390,
91.1946

■ 55.9473, 44.3424,
89.6154

■ 70.1612, 66.0924,
93.0644

■ 50.2168, 36.0061,
88.3084

■ 78.7326, 79.6788,
95.2351

■ 45.3389, 29.2347,
87.2584

■ 88.3342, 95.1781,
97.7207

■ 41.2586, 23.9202,
86.4477

■ 92.0032, 98.6630,
98.2000

■ 37.9140, 19.9404,
85.8558

■ 93.0272, 99.1909,
98.2479

■ 35.2326, 17.1525,
85.4590

■ 33.1252, 15.3800,
85.2279

■ 32.3925, 14.8475,
85.1638

Harmonies

Analogous

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



55.8151, 54.3390, 106.6342



62.5785, 54.3390, 91.1946



66.5649, 54.3390, 68.8339

Triad

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



62.5785, 54.3390, 91.1946



54.9214, 54.3390, 28.0078



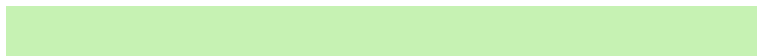
39.3344, 54.3390, 71.5723

Complementary

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



62.5785, 54.3390, 91.1946



63.1794, 78.7661, 54.5239

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.



39.1441, 54.3390, 50.4485



62.5785, 54.3390, 91.1946



47.6929, 54.3390, 28.4073

Square

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



62.5785, 54.3390, 91.1946



61.8713, 54.3390, 34.4192



42.0700, 54.3390, 35.6808



42.6171, 54.3390, 93.6022

Rectangle

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



62.5785, 54.3390, 91.1946



66.8878, 54.3390, 54.5284



42.0700, 54.3390, 35.6808



38.9183, 54.3390, 64.0592

Sweetspot

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



62.5802, 54.3413, 91.1958



86.6565, 86.5196, 106.7404



55.0315, 56.8207, 92.0722



18.2281, 18.0093, 22.7654



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.



62.5802, 54.3413, 91.1958



66.5719, 55.2664, 101.7665



67.0859, 56.8582, 82.6349



15.9632, 15.7783, 19.9258



17.5462, 8.0508, 45.7570



1.5598, 0.7214, 3.8112

Inverse Universe

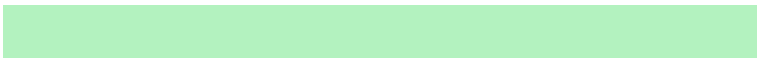
The Inverse Universe completely reimagines the original color for something new.



62.9329, 55.1970, 60.7658



67.1564, 56.4514, 61.8723



59.6990, 76.8312, 60.7168



15.9690, 15.8373, 17.3930



20.3700, 10.4204, 4.5992



1.7370, 0.8839, 0.6061

Previews

White Background



This preview shows how the XYZ color 62.5785, 54.3390, 91.1946 looks on a white background.

Color Contrast Check

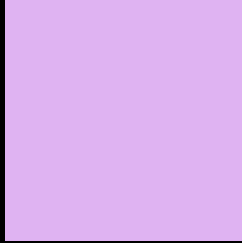
Large Text (above 18pt) WCAG AA × Fail

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 62.5785, 54.3390, 91.1946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

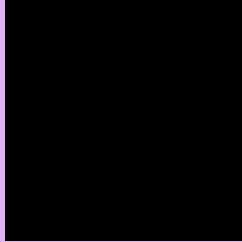
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.5785, 54.3390, 91.1946

Background



This preview shows how black text looks on a background with the XYZ color 62.5785, 54.3390, 91.1946.



This preview shows how white text looks on a background with the XYZ color 62.5785, 54.3390,

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

62.5785, 54.3390, 91.1946

Protanopia

55.2311, 54.7519, 99.7526

Deuteranopia

55.8448, 54.6292, 90.0392



Tritanopia

56.9282, 54.5094, 62.7793

Trichromacy



Original Color

62.5785, 54.3390, 91.1946

Protanomaly

57.4322, 54.3459, 96.2697

Deuteranomaly

58.2761, 54.5880, 90.6841

Tritanomaly

58.7486, 54.2989, 72.3501

Monochromacy



Original Color

62.5785, 54.3390, 91.1946

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

57.1278, 56.0155, 72.0911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5785, 54.3390, 91.1946 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, 242)` looks like.

```
.text, #text, p{  
    color:rgb(223, 179, 242)  
}
```

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, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 179, 242) }
```

Border

The CSS property to change the border of an element to XYZ 62.5785, 54.3390, 91.1946 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, 242) }
```


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

```
.border{ border-color:rgb(223, 179, 242) }
```

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, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 179, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 179, 242);  
box-shadow:4px 4px 4px 4px rgb(223, 179,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5785, 54.3390, 91.1946 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, 242) }
```

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

```
.background{ background-color: rgb(223,  
179, 242) }
```

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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