

Converting Colors

XYZ(59.3739, 53.1388, 87.3632)

Have a look what the booklet for
XYZ(59.3739, 53.1388, 87.3632)
contains.

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Color

**XYZ(59.3389, 53.0531,
87.2335)**

Conversions

Conversions Part 1

Format	Color
Hex	D6B4ED
RGB	214, 180, 237
RGB Percent	84%, 71%, 93%
CMY	0.1608, 0.2941, 0.0706
CMYK	0.10, 0.24, 0.00, 0.07
HSL	276°, 61%, 82%
HSV	276°, 24%, 93%
XYZ	59.3389, 53.0531, 87.2335
YIQ	196.6640, 1.9670, 24.9350

Conversions

Conversions Part 2

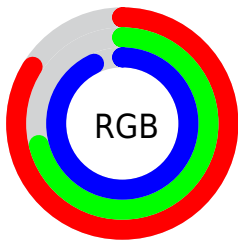
Format	Color
R_{YB}	214, 180, 237
Decimal	14071021
CIE _{Lab}	77.91, 22.57, -23.85
CIE _{LCh}	78, 32.832, 313.423
Yxy	53.0531, 0.2973, 0.2658
Android (android.graphics.Color)	4292261101 (0xFFD6B4ED)
YUV	196.6640, 19.8856, 15.2037
Hunter-Lab	72.8376, 17.9537, -20.0220

Details

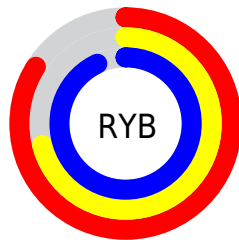
The XYZ color **59.3389, 53.0531, 87.2335** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **63.1528, 76.5615, 54.6318**, and the grayscale version is **52.7530, 55.5003, 60.4398**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **30.2279, 25.8859, 47.1193** is the 20% darker color. If you saturate the color by 10%, you get **52.2481, 42.8932, 85.6470**, and if you desaturate by 10%, it is **67.4149, 64.9379, 89.1027**.

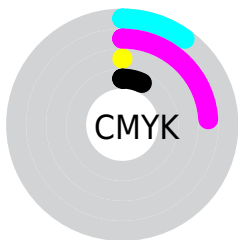
Distribution



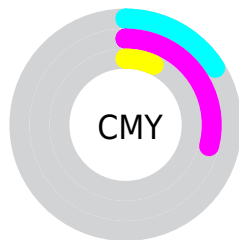
- Red (84%)
- Green (71%)
- Blue (93%)



- Red (84%)
- Yellow (71%)
- Blue (93%)



- Cyan (10%)
- Magenta (24%)
- Yellow (0%)
- Black (7%)





- Cyan (16%)
- Magenta (29%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.3389, 53.0531, 87.2335 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 59.3389, 53.0531, 87.2335 by changing the saturation by 10% instead.


 59.3389, 53.0531,
87.2335

 59.3389, 53.0531,
87.2335


412.0306,
398.4888, 539.3260

 43.1334, 37.8452,
65.1277


 102.9819, 94.6825,
145.3913

 30.1848, 25.8625,
47.1127


131.1501,
121.8728, 182.2804

 20.1277, 16.7208,
32.7697


164.0365,
153.8259, 224.9344

 12.5967, 10.0357,
21.6804

202.0067,
190.9263, 273.7717

 7.2265, 5.4226,
13.4262

245.4258,
233.5584, 329.2110

 3.6517, 2.4973,
7.5885

294.6592,

 1.5071, 0.8753,

282.1066, 391.6708

3.7488

350.0724,
336.9553, 461.5696

■ 0.3306, 0.0000,
1.4886

■ 0.0000, 0.0000,
0.2094

■ 59.3389, 53.0531,
87.2335

■ 59.3389, 53.0531,
87.2335

■ 52.2481, 42.8932,
85.6470

■ 67.4149, 64.9379,
89.1027

■ 46.0932, 34.3669,
84.3257

■ 76.5125, 78.6197,
91.2640

■ 40.8276, 27.3845,
83.2554

■ 86.6722, 94.1744,
93.7309

■ 36.3985, 21.8445,
82.4196

■ 91.2837, 98.3777,
94.2992

■ 32.7467, 17.6331,
81.7991

■ 92.2862, 98.8945,
94.3461

■ 29.8040, 14.6183,
81.3723

■ 27.4878, 12.6398,
81.1125

■ 26.3333, 11.8095,
81.0131

Harmonies

Analogous

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



53.3277, 53.0531, 99.1336



59.3389, 53.0531, 87.2335



63.1240, 53.0531, 68.3835

Triad

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



59.3389, 53.0531, 87.2335



54.0080, 53.0531, 30.2064



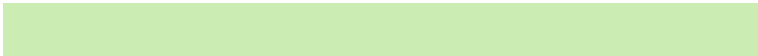
39.4069, 53.0531, 66.3134

Complementary

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



59.3389, 53.0531, 87.2335



63.1528, 76.5615, 54.6318

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.



39.5554, 53.0531, 48.3083



59.3389, 53.0531, 87.2335



47.6303, 53.0531, 29.8826

Square

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



59.3389, 53.0531, 87.2335



59.8729, 53.0531, 36.8206



42.4524, 53.0531, 35.8166



42.0279, 53.0531, 85.4451

Rectangle

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



59.3389, 53.0531, 87.2335



63.6927, 53.0531, 55.6931



42.4524, 53.0531, 35.8166



39.1416, 53.0531, 59.8893

Sweetspot

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



59.3406, 53.0553, 87.2347



87.0172, 87.7947, 106.9675



55.6439, 58.8868, 88.5551



18.4832, 18.5773, 22.8616



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.



59.3406, 53.0553, 87.2347



65.6853, 56.3214, 102.0169



65.8488, 56.4896, 83.9642



15.0928, 14.9931, 19.0207



14.5292, 6.5260, 44.2368



1.2492, 0.5683, 3.4787

Inverse Universe

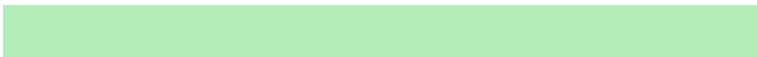
The Inverse Universe completely reimagines the original color for something new.



62.0275, 54.9611, 63.8415



69.5181, 59.0257, 69.2848



57.8390, 73.7652, 56.9528



15.3173, 15.1548, 16.9564



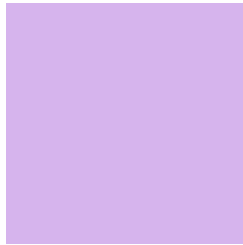
20.2723, 10.3116, 7.2350



1.6383, 0.8283, 0.8129

Previews

White Background



This preview shows how the XYZ color 59.3389, 53.0531, 87.2335 looks on a white background.

Color Contrast Check

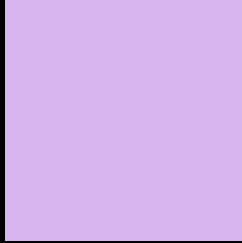
Large Text (above 18pt) WCAG AA × Fail

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 59.3389, 53.0531, 87.2335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

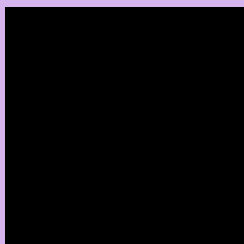
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.3389, 53.0531, 87.2335

Background



This preview shows how black text looks on a background with the XYZ color 59.3389, 53.0531, 87.2335.



This preview shows how white text looks on a background with the XYZ color 59.3389, 53.0531,

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

59.3389, 53.0531, 87.2335

Protanopia

53.7026, 53.4379, 93.8703

Deuteranopia

54.4282, 53.3405, 86.0243



Tritanopia

54.3254, 53.1676, 62.6575

Trichromacy



Original Color

59.3389, 53.0531, 87.2335

Protanomaly

55.5356, 53.1579, 91.3379

Deuteranomaly

56.2524, 53.3161, 86.6831

Tritanomaly

55.8564, 52.8377, 70.8731

Monochromacy



Original Color

59.3389, 53.0531, 87.2335

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.1431, 54.7116, 69.9414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3389, 53.0531, 87.2335 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, 180, 237)` looks like.

```
.text, #text, p{  
    color:rgb(214, 180, 237)  
}
```

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, 180, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 180, 237) }
```

Border

The CSS property to change the border of an element to XYZ 59.3389, 53.0531, 87.2335 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, 180, 237) }
```


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

```
.border{ border-color:rgb(214, 180, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 180, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 180, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 180, 237);  
box-shadow:4px 4px 4px 4px rgb(214, 180,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3389, 53.0531, 87.2335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 180, 237) }
```

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

```
.background{ background-color: rgb(214,  
180, 237) }
```

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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