

Converting Colors

XYZ(59.9510, 52.6504, 79.6396)

Have a look what the booklet for
XYZ(59.9510, 52.6504, 79.6396)
contains.

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Color

**XYZ(60.0187, 52.6783,
79.6776)**

Conversions

Conversions Part 1

Format	Color
Hex	DFB1E3
RGB	223, 177, 227
RGB Percent	87%, 69%, 89%
CMY	0.1255, 0.3059, 0.1098
CMYK	0.02, 0.22, 0.00, 0.11
HSL	295°, 47%, 79%
HSV	295°, 22%, 89%
XYZ	60.0187, 52.6783, 79.6776
YIQ	196.4540, 11.3660, 25.3020

Conversions

Conversions Part 2

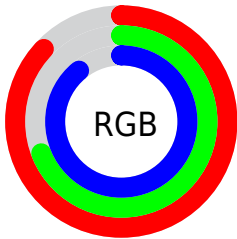
Format	Color
R_{YB}	223, 177, 227
Decimal	14660067
CIE _{Lab}	77.68, 25.15, -18.70
CIE _{LCh}	78, 31.341, 323.363
Yxy	52.6783, 0.3120, 0.2738
Android (android.graphics.Color)	4292850147 (0xFFDFB1E3)
YUV	196.4540, 15.0592, 23.2808
Hunter-Lab	72.5798, 20.5930, -14.2823

Details

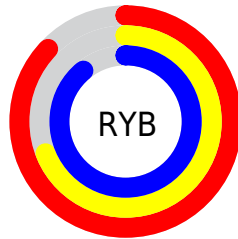
The XYZ color **60.0187, 52.6783, 79.6776** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.4627, 67.9375, 51.8403**, and the grayscale version is **52.6509, 55.3928, 60.3228**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **30.5904, 25.6094, 42.3605** is the 20% darker color. If you saturate the color by 10%, you get **55.3466, 44.1594, 78.2803**, and if you desaturate by 10%, it is **65.4458, 62.6964, 81.3260**.

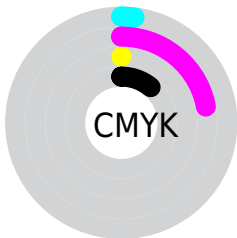
Distribution



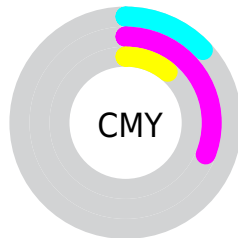
- Red (87%)
- Green (69%)
- Blue (89%)



- Red (87%)
- Yellow (69%)
- Blue (89%)



- Cyan (2%)
- Magenta (22%)
- Yellow (0%)
- Black (11%)



- Cyan (13%)
- Magenta (31%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0187, 52.6783, 79.6776 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 60.0187, 52.6783, 79.6776 by changing the saturation by 10% instead.

60.0187, 52.6783,
79.6776

60.0187, 52.6783,
79.6776

414.5003,
397.0497, 513.5237

43.6832, 37.5460,
58.9285

103.9630, 94.1308,
134.7197

30.6184, 25.6305,
42.1359

132.3025,
121.2199, 169.8497

20.4588, 16.5474,
28.8814

165.3741,
153.0633, 210.6104

12.8392, 9.9124,
18.7463

203.5431,
190.0454, 257.4204

7.3942, 5.3409,
11.3121

247.1748,
232.5508, 310.6982

3.7583, 2.4486,
6.1604

296.6347,

1.5663, 0.8507,

280.9636, 370.8623

2.8725

352.2881,
335.6685, 438.3313

■ 0.3703, 0.0000,
1.0299

■ 0.0000, 0.0000,
0.0000

■ 60.0187, 52.6783,
79.6776

■ 60.0187, 52.6783,
79.6776

■ 55.3466, 44.1594,
78.2803

■ 65.4458, 62.6964,
81.3260

■ 51.3879, 37.0591,
77.1185

■ 71.6573, 74.2755,
83.2336

■ 48.1040, 31.2998,
76.1799

■ 78.6872, 87.4822,
85.4123

■ 45.4510, 26.7935,
75.4499

■ 82.3435, 93.9330,
86.4647

43.3797, 23.4417,
74.9121

82.9303, 94.2355,
86.4922

41.8335, 21.1314,
74.5477

83.5231, 94.5411,
86.5199

40.7444, 19.7264,
74.3339

84.1220, 94.8498,
86.5479

40.1152, 19.0784,
74.2420

84.7271, 95.1618,
86.5762

85.3383, 95.4768,
86.6048

Harmonies

Analogous

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



54.8360, 52.6783, 93.7919



60.0187, 52.6783, 79.6776



62.5648, 52.6783, 61.3037

Triad

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



60.0187, 52.6783, 79.6776



51.4287, 52.6783, 30.1748



40.1113, 52.6783, 71.6429

Complementary

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



60.0187, 52.6783, 79.6776



54.4627, 67.9375, 51.8403

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.



39.3590, 52.6783, 53.5848



60.0187, 52.6783, 79.6776



45.5869, 52.6783, 31.8427

Square

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



60.0187, 52.6783, 79.6776



57.3532, 52.6783, 34.5211



41.2848, 52.6783, 39.6517



43.4295, 52.6783, 88.5372

Rectangle

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



60.0187, 52.6783, 79.6776



62.2896, 52.6783, 49.9819



41.2848, 52.6783, 39.6517



39.5616, 52.6783, 65.4256

Sweetspot

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



60.0203, 52.6806, 79.6787



89.0943, 88.8655, 107.0647



48.5566, 48.0113, 79.3817



18.9652, 18.8258, 22.8841



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.



60.0203, 52.6806, 79.6787



75.4988, 63.7542, 102.9343



58.5632, 52.2418, 65.4975



14.8754, 14.5535, 18.1694



23.4417, 11.1505, 43.2999



1.7662, 0.8415, 3.2013

Inverse Universe

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



55.7429, 51.1137, 50.6463



69.1111, 61.4215, 59.2540



55.7762, 68.3561, 63.5817



14.4235, 14.3866, 15.1648



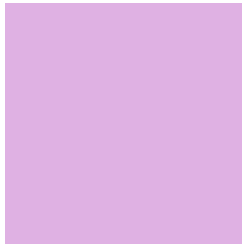
18.5562, 9.5567, 1.2921



1.3876, 0.7127, 0.1816

Previews

White Background



This preview shows how the XYZ color 60.0187, 52.6783, 79.6776 looks on a white background.

Color Contrast Check

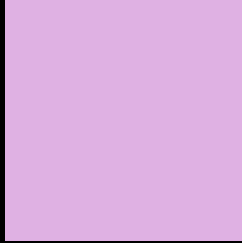
Large Text (above 18pt) WCAG AA × Fail

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 60.0187, 52.6783, 79.6776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

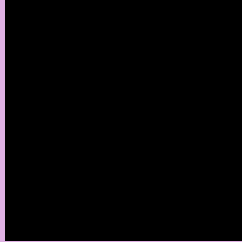
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.0187, 52.6783, 79.6776

Background



This preview shows how black text looks on a background with the XYZ color 60.0187, 52.6783, 79.6776.



This preview shows how white text looks on a background with the XYZ color 60.0187, 52.6783,

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

60.0187, 52.6783, 79.6776

Protanopia

52.8452, 52.8281, 86.7685

Deuteranopia

54.0795, 53.0048, 78.6148



Tritanopia

56.0194, 52.5472, 60.0134

Trichromacy



Original Color

60.0187, 52.6783, 79.6776

Protanomaly

55.0829, 52.4514, 84.3118

Deuteranomaly

56.0448, 52.7511, 79.1796

Tritanomaly

57.2216, 52.4122, 66.7752

Monochromacy



Original Color

60.0187, 52.6783, 79.6776

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

54.9137, 54.0220, 66.5645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0187, 52.6783, 79.6776 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, 177, 227)` looks like.

```
.text, #text, p{  
    color:rgb(223, 177, 227)  
}
```

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, 177, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 177, 227) }
```

Border

The CSS property to change the border of an element to XYZ 60.0187, 52.6783, 79.6776 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, 177, 227) }
```


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

```
.border{ border-color:rgb(223, 177, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 177, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 177, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 177, 227); box-shadow:4px 4px 4px 4px rgb(223, 177, 227) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0187, 52.6783, 79.6776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 177, 227) }
```

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

```
.background{ background-color: rgb(223,  
177, 227) }
```

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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