

Converting Colors

XYZ(60.2556, 53.5842, 76.6586)

Have a look what the booklet for
XYZ(60.2556, 53.5842, 76.6586)
contains.

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Color

**XYZ(60.1799, 53.4152,
76.9504)**

Conversions

Conversions Part 1

Format	Color
Hex	E0B3DF
RGB	224, 179, 223
RGB Percent	88%, 70%, 87%
CMY	0.1216, 0.2980, 0.1255
CMYK	0.00, 0.20, 0.00, 0.12
HSL	301°, 42%, 79%
HSV	301°, 20%, 88%
XYZ	60.1799, 53.4152, 76.9504
YIQ	197.4710, 12.6960, 23.2240

Conversions

Conversions Part 2

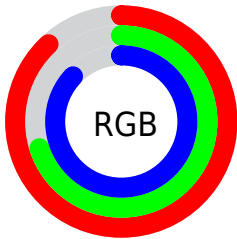
Format	Color
RYB	224, 179, 223
Decimal	14726111
CIELab	78.12, 23.66, -15.87
CIELCh	78, 28.490, 326.142
Yxy	53.4152, 0.3158, 0.2803
Android (android.graphics.Color)	4292916191 (0xFFE0B3DF)
YUV	197.4710, 12.5858, 23.2659
Hunter-Lab	73.0857, 19.0797, -11.2652

Details

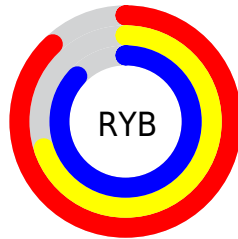
The XYZ color **60.1799, 53.4152, 76.9504** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **53.4864, 66.1920, 53.1403**, and the grayscale version is **53.2779, 56.0525, 61.0411**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **30.6772, 26.0737, 40.4617** is the 20% darker color. If you saturate the color by 10%, you get **55.9836, 45.1289, 75.2214**, and if you desaturate by 10%, it is **65.1089, 63.1647, 78.9258**.

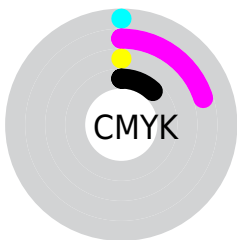
Distribution



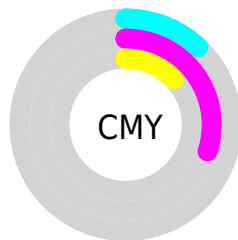
- Red (88%)
- Green (70%)
- Blue (87%)



- Red (88%)
- Yellow (70%)
- Blue (87%)



- Cyan (0%)
- Magenta (20%)
- Yellow (0%)
- Black (12%)



- Cyan (12%)
- Magenta (30%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1799, 53.4152, 76.9504 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 60.1799, 53.4152, 76.9504 by changing the saturation by 10% instead.

60.1799, 53.4152,
76.9504

60.1799, 53.4152,
76.9504

415.0847,
399.8760, 504.0281

43.8137, 38.1343,
56.7008

104.1955, 95.2151,
130.8418

30.7213, 26.0870,
40.3574

132.5755,
122.5028, 165.3208

20.5375, 16.8887,
27.5014

165.6908,
154.5617, 205.3800

12.8969, 10.1552,
17.7144

203.9068,
191.7760, 251.4379

7.4341, 5.5020,
10.5778

247.5889,
234.5302, 303.9132

3.7838, 2.5447,
5.6731

297.1023,

1.5805, 0.8989,

283.2087, 363.2242

2.5818

352.8124,
338.1958, 429.7897

■ 0.3797, 0.0000,
0.8830

■ 0.0000, 0.0000,
0.0000

■ 60.1799, 53.4152,
76.9504

■ 60.1799, 53.4152,
76.9504

■ 55.9836, 45.1289,
75.2214

■ 65.1089, 63.1647,
78.9258

■ 52.4799, 38.2286,
73.7236

■ 70.7985, 74.4359,
81.1552

■ 49.6324, 32.6403,
72.4455

■ 77.2811, 87.2929,
83.6498

■ 47.3994, 28.2807,
71.3733

■ 80.0907, 92.8034,
84.9211

45.7344, 25.0568,
70.4913

80.1588, 92.8307,
85.2795

44.5843, 22.8622,
69.7819

80.2270, 92.8580,
85.6390

43.8859, 21.5708,
69.2241

80.2955, 92.8854,
85.9995

43.5299, 20.9631,
68.7843

80.3641, 92.9128,
86.3611

80.4330, 92.9404,
86.7237

Harmonies

Analogous

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



55.6296, 53.4152, 90.2210



60.1799, 53.4152, 76.9504



62.2066, 53.4152, 60.2455

Triad

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



60.1799, 53.4152, 76.9504



51.4926, 53.4152, 32.6378



41.7602, 53.4152, 72.7279

Complementary

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



60.1799, 53.4152, 76.9504



53.4864, 66.1920, 53.1403

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.



40.8280, 53.4152, 56.1234



60.1799, 53.4152, 76.9504



46.2011, 53.4152, 34.7672

Square

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



60.1799, 53.4152, 76.9504



56.9649, 53.4152, 36.2504



42.3952, 53.4152, 42.7084



45.0405, 53.4152, 87.4873

Rectangle

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



60.1799, 53.4152, 76.9504



61.7526, 53.4152, 50.0524



42.3952, 53.4152, 42.7084



41.1726, 53.4152, 67.0992

Sweetspot

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



60.1815, 53.4175, 76.9515



90.3071, 90.6018, 107.0491



48.3412, 47.2980, 77.1038



19.2239, 19.1834, 22.8714



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.



60.1815, 53.4175, 76.9515



78.3190, 66.8873, 102.2460



57.3757, 52.2952, 62.1763



14.2812, 13.9301, 17.2509



25.3432, 12.2043, 40.0686



1.7609, 0.8476, 2.7997

Inverse Universe

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



60.1815, 53.4175, 76.9515



78.3190, 66.8873, 102.2460



55.9383, 67.1728, 66.0518



14.2812, 13.9301, 17.2509



25.3432, 12.2043, 40.0686



1.7609, 0.8476, 2.7997

Previews

White Background



This preview shows how the XYZ color 60.1799, 53.4152, 76.9504 looks on a white background.

Color Contrast Check

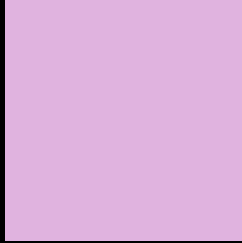
Large Text (above 18pt) WCAG AA × Fail

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 60.1799, 53.4152, 76.9504 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 60.1799, 53.4152, 76.9504

Background



This preview shows how black text looks on a background with the XYZ color 60.1799, 53.4152, 76.9504.



This preview shows how white text looks on a background with the XYZ color 60.1799, 53.4152,

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

60.1799, 53.4152, 76.9504

Protanopia

53.2810, 53.7831, 83.1743

Deuteranopia

54.8019, 53.7578, 75.8945



Tritanopia

56.6417, 53.1598, 60.7016

Trichromacy



Original Color

60.1799, 53.4152, 76.9504

Protanomaly

55.3271, 53.2842, 80.7676

Deuteranomaly

56.5462, 53.3817, 76.4306

Tritanomaly

57.8092, 53.3330, 66.2789

Monochromacy



Original Color

60.1799, 53.4152, 76.9504

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.2862, 54.5485, 66.0075

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1799, 53.4152, 76.9504 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(224, 179, 223)` looks like.

```
.text, #text, p{  
    color:rgb(224, 179, 223)  
}
```

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(224, 179, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 179, 223) }
```

Border

The CSS property to change the border of an element to XYZ 60.1799, 53.4152, 76.9504 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(224, 179, 223) }
```


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

```
.border{ border-color:rgb(224, 179, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 179, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 179, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 179, 223);  
box-shadow:4px 4px 4px 4px rgb(224, 179,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1799, 53.4152, 76.9504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 179, 223) }
```

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

```
.background{ background-color: rgb(224,  
179, 223) }
```

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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