

Converting Colors

XYZ(60.2629, 52.9297, 86.7059)

Have a look what the booklet for
XYZ(60.2629, 52.9297, 86.7059)
contains.

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Color

**XYZ(60.2741, 52.9570,
86.4018)**

Conversions

Conversions Part 1

Format	Color
Hex	DBB2EC
RGB	219, 178, 236
RGB Percent	86%, 70%, 93%
CMY	0.1412, 0.3019, 0.0745
CMYK	0.07, 0.25, 0.00, 0.07
HSL	282°, 60%, 81%
HSV	282°, 25%, 93%
XYZ	60.2741, 52.9570, 86.4018
YIQ	196.8710, 5.8180, 26.7300

Conversions

Conversions Part 2

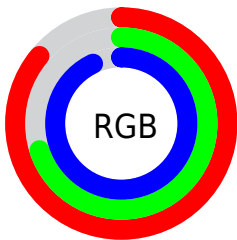
Format	Color
R_{YB}	219, 178, 236
Decimal	14398188
CIE _{Lab}	77.85, 25.05, -23.35
CIE _{LCh}	78, 34.243, 317.005
Yxy	52.9570, 0.3019, 0.2653
Android (android.graphics.Color)	4292588268 (0xFFDDBB2EC)
YUV	196.8710, 19.2906, 19.4071
Hunter-Lab	72.7716, 20.4950, -19.4550

Details

The XYZ color **60.2741, 52.9570, 86.4018** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **60.5389, 74.8087, 53.3708**, and the grayscale version is **52.8794, 55.6333, 60.5846**.

A 20% lighter version of the original color is **88.7128, 87.3256, 106.7876**, and **30.6761, 25.7490, 46.5333** is the 20% darker color. If you saturate the color by 10%, you get **53.9387, 43.3108, 84.8746**, and if you desaturate by 10%, it is **67.5071, 64.2678, 88.2046**.

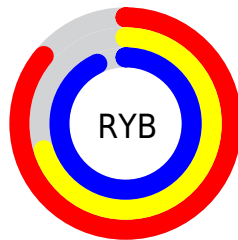
Distribution



Red (86%)

Green (70%)

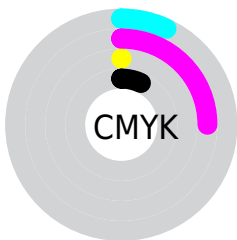
Blue (93%)



Red (86%)

Yellow (70%)

Blue (93%)

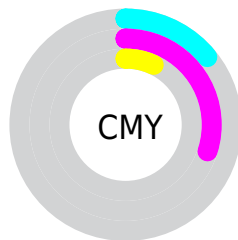


Cyan (7%)

Magenta (25%)

Yellow (0%)

Black (7%)



Cyan (14%)

Magenta (30%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2741, 52.9570, 86.4018 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 60.2741, 52.9570, 86.4018 by changing the saturation by 10% instead.

60.2741, 52.9570,
86.4018

60.2741, 52.9570,
86.4018

415.4259,
398.1201, 536.5202

43.8899, 37.7684,
64.4435

104.3313, 94.5411,
144.2216

30.7815, 25.8030,
46.5615

132.7350,
121.7054, 180.9201

20.5835, 16.6763,
32.3373

165.8758,
153.6305, 223.3691

12.9306, 10.0040,
21.3523

204.1193,
190.7006, 271.9871

7.4575, 5.4016,
13.1880

247.8307,
233.3002, 327.1927

3.7987, 2.4848,
7.4259

297.3754,

1.5889, 0.8690,

281.8138, 389.4044

3.6474

353.1186,
336.6256, 459.0407

■ 0.3851, 0.0000,
1.4340

■ 0.0000, 0.0000,
0.1680

■ 60.2741, 52.9570,
86.4018

■ 60.2741, 52.9570,
86.4018

■ 53.9387, 43.3108,
84.8746

■ 67.5071, 64.2678,
88.2046

■ 48.4534, 35.2392,
83.6058

■ 75.6721, 77.3137,
90.2924

■ 43.7740, 28.6540,
82.5813

■ 84.8077, 92.1694,
92.6783

■ 39.8496, 23.4550,
81.7846

■ 89.1425, 97.2907,
93.4383

■ 36.6231, 19.5300,
81.1971

■ 91.6233, 98.5696,
93.5544

■ 34.0285, 16.7481,
80.7969

■ 92.1405, 98.8362,
93.5786

■ 31.9850, 14.9498,
80.5575

■ 31.0402, 14.2528,
80.4727

Harmonies

Analogous

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



54.1656, 52.9570, 100.2315



60.2741, 52.9570, 86.4018



63.8448, 52.9570, 66.2913

Triad

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



60.2741, 52.9570, 86.4018



53.2635, 52.9570, 28.8406



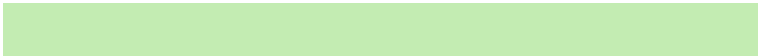
39.0732, 52.9570, 69.0435

Complementary

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



60.2741, 52.9570, 86.4018



60.5389, 74.8087, 53.3708

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.



38.8780, 52.9570, 49.8146



60.2741, 52.9570, 86.4018



46.6876, 52.9570, 29.2603

Square

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



60.2741, 52.9570, 86.4018



59.5638, 52.9570, 34.8163



41.5517, 52.9570, 36.1262



42.1107, 52.9570, 88.7951

Rectangle

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



60.2741, 52.9570, 86.4018



64.1170, 52.9570, 53.3110



41.5517, 52.9570, 36.1262



38.6830, 52.9570, 62.2418

Sweetspot

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



60.2758, 52.9593, 86.4030



87.7189, 88.1564, 107.0004



53.1074, 54.7331, 87.1232



18.6459, 18.6612, 22.8692



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.



60.2758, 52.9593, 86.4030



68.2943, 57.6664, 102.1390



64.0229, 55.0794, 78.0641



15.2599, 15.0792, 19.0286



17.2450, 7.9261, 44.3639



1.4493, 0.6714, 3.4881

Inverse Universe

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



60.3646, 53.6161, 58.7997



68.5209, 58.6268, 64.0333



57.6080, 73.1575, 59.5732



15.2471, 15.1267, 16.5864



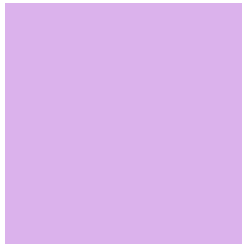
19.7119, 10.0875, 4.2845



1.5886, 0.8084, 0.5507

Previews

White Background



This preview shows how the XYZ color 60.2741, 52.9570, 86.4018 looks on a white background.

Color Contrast Check

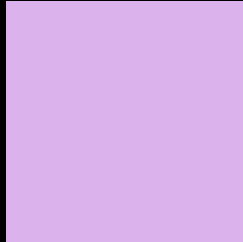
Large Text (above 18pt) WCAG AA × Fail

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 60.2741, 52.9570, 86.4018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

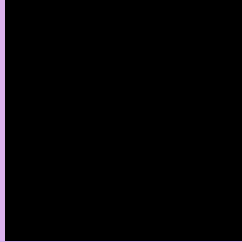
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.2741, 52.9570, 86.4018

Background



This preview shows how black text looks on a background with the XYZ color 60.2741, 52.9570, 86.4018.



This preview shows how white text looks on a background with the XYZ color 60.2741, 52.9570,

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

60.2741, 52.9570, 86.4018

Protanopia

53.7026, 53.4379, 93.8703

Deuteranopia

54.3204, 52.9833, 85.2057



Tritanopia

55.0983, 52.9676, 61.3526

Trichromacy



Original Color

60.2741, 52.9570, 86.4018

Protanomaly

55.8341, 52.9980, 91.2913

Deuteranomaly

56.2233, 52.6966, 85.8054

Tritanomaly

56.6359, 52.6564, 69.4660

Monochromacy



Original Color

60.2741, 52.9570, 86.4018

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.3482, 54.5092, 69.2322

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2741, 52.9570, 86.4018 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(219, 178, 236)` looks like.

```
.text, #text, p{  
    color:rgb(219, 178, 236)  
}
```

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(219, 178, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 178, 236) }
```

Border

The CSS property to change the border of an element to XYZ 60.2741, 52.9570, 86.4018 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(219, 178, 236) }
```


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

```
.border{ border-color:rgb(219, 178, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 178, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 178, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 178, 236);  
box-shadow:4px 4px 4px 4px rgb(219, 178,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2741, 52.9570, 86.4018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 178, 236) }
```

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

```
.background{ background-color: rgb(219,  
178, 236) }
```

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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