

Converting Colors

XYZ(59.9632, 49.8872, 88.5438)

Have a look what the booklet for
XYZ(59.9632, 49.8872, 88.5438)
contains.

XYZ(60.1622, 49.9845, 88.9152)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.1622, 49.9845,
88.9152)**

Conversions

Conversions Part 1

Format	Color
Hex	DFA8F0
RGB	223, 168, 240
RGB Percent	87%, 66%, 94%
CMY	0.1255, 0.3412, 0.0588
CMYK	0.07, 0.30, 0.00, 0.06
HSL	286°, 71%, 80%
HSV	286°, 30%, 94%
XYZ	60.1622, 49.9845, 88.9152
YIQ	192.6530, 9.6680, 34.0520

Conversions

Conversions Part 2

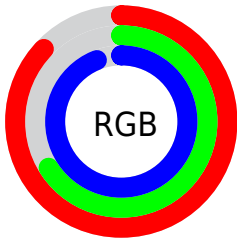
Format	Color
R _Y B	223, 168, 240
Decimal	14657776
CIE Lab	76.06, 32.49, -28.22
CIE LCh	76, 43.036, 319.031
Yxy	49.9845, 0.3022, 0.2511
Android (android.graphics.Color)	4292847856 (0xFFDFA8F0)
YUV	192.6530, 23.3421, 26.6143
Hunter-Lab	70.6997, 28.1708, -25.0760

Details

The XYZ color **60.1622, 49.9845, 88.9152** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **58.2373, 75.4629, 48.5445**, and the grayscale version is **50.3498, 52.9719, 57.6864**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **30.7188, 23.9376, 48.3488** is the 20% darker color. If you saturate the color by 10%, you get **54.4173, 41.0424, 87.4928**, and if you desaturate by 10%, it is **66.7865, 60.5963, 90.6151**.

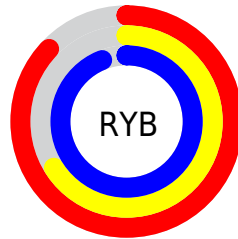
Distribution



Red (87%)

Green (66%)

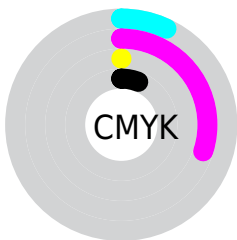
Blue (94%)



Red (87%)

Yellow (66%)

Blue (94%)

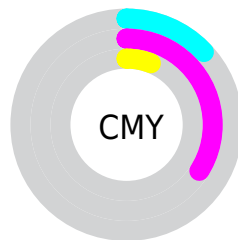


Cyan (7%)

Magenta (30%)

Yellow (0%)

Black (6%)



Cyan (13%)


Magenta (34%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.1622, 49.9845, 88.9152 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 60.1622, 49.9845, 88.9152 by changing the saturation by 10% instead.


 60.1622, 49.9845,
88.9152


 60.1622, 49.9845,
88.9152


415.0205,
386.6053, 544.9745

 43.7993, 35.4011,
66.5126

 104.1699, 90.1519,
147.7530

 30.7100, 23.9720,
48.2296

 132.5455,
116.5047, 185.0252

 20.5289, 15.3128,
33.6474


165.6561,
147.5494, 228.0912

 12.8906, 9.0392,
22.3477

203.8669,
183.6704, 277.3693

 7.4297, 4.7668,
13.9119

247.5434,
225.2521, 333.2781

 3.7810, 2.1111,
7.9213

297.0510,

 1.5790, 0.6709,

272.6789, 396.2362

3.9576

352.7549,
326.3352, 466.6622

■ 0.3787, 0.0000,
1.6021

■ 0.0000, 0.0000,
0.2923

■ 60.1622, 49.9845,
88.9152

■ 60.1622, 49.9845,
88.9152

■ 54.4173, 41.0424,
87.4928

■ 66.7865, 60.5963,
90.6151

■ 49.5012, 33.6732,
86.3295

■ 74.3274, 72.9549,
92.6031

■ 45.3656, 27.7799,
85.4099

■ 82.8258, 87.1402,
94.8932

■ 41.9549, 23.2521,
84.7157

■ 89.3783, 97.3443,
96.5175

■ 39.2054, 19.9635,
84.2259

■ 91.3930, 98.3829,
96.6118

■ 37.0416, 17.7637,
83.9153

■ 92.7283, 99.0713,
96.6743

■ 35.3365, 16.3998,
83.7419

■ 35.3362, 16.3996,
83.7419

Harmonies

Analogous

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



52.7296, 49.9845, 107.9175



60.1622, 49.9845, 88.9152



64.3571, 49.9845, 63.2899

Triad

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



60.1622, 49.9845, 88.9152



50.5110, 49.9845, 21.5060



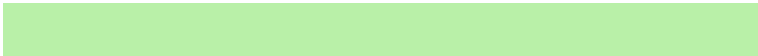
34.3431, 49.9845, 70.1742

Complementary

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



60.1622, 49.9845, 88.9152



58.2373, 75.4629, 48.5445

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.



33.8920, 49.9845, 46.4285



60.1622, 49.9845, 88.9152



42.6444, 49.9845, 22.3852

Square

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



60.1622, 49.9845, 88.9152



58.3812, 49.9845, 27.3744



36.7669, 49.9845, 30.2536



38.0776, 49.9845, 95.1614

Rectangle

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



60.1622, 49.9845, 88.9152



64.4683, 49.9845, 47.7670



36.7669, 49.9845, 30.2536



33.8196, 49.9845, 61.6738

Sweetspot

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



60.1638, 49.9866, 88.9163



86.1951, 85.2081, 106.5116



49.4375, 49.7361, 89.4333



18.1612, 17.7610, 22.7210



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.



60.1638, 49.9866, 88.9163



64.8931, 50.8638, 101.0052



63.1241, 51.8065, 75.7813



16.0682, 15.8324, 19.9307



19.4672, 9.0411, 45.8469



1.7064, 0.7969, 3.8181

Inverse Universe

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



58.6965, 50.0355, 52.4654



63.1165, 51.0230, 52.3517



56.1732, 74.1915, 57.8163



15.9257, 15.8200, 17.1652



20.1140, 10.3180, 3.2508



1.7107, 0.8733, 0.4675

Previews

White Background



This preview shows how the XYZ color 60.1622, 49.9845, 88.9152 looks on a white background.

Color Contrast Check

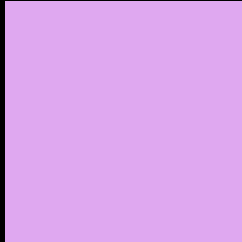
Large Text (above 18pt) WCAG AA × Fail

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 60.1622, 49.9845, 88.9152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

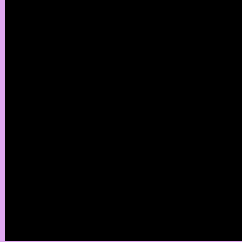
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.1622, 49.9845, 88.9152

Background



This preview shows how black text looks on a background with the XYZ color 60.1622, 49.9845, 88.9152.



This preview shows how white text looks on a background with the XYZ color 60.1622, 49.9845,

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

60.1622, 49.9845, 88.9152

Protanopia

51.4408, 50.2248, 99.9116

Deuteranopia

51.4826, 50.2192, 87.1006



Tritanopia

53.4450, 49.8048, 56.0866

Trichromacy



Original Color

60.1622, 49.9845, 88.9152



Protanomaly

54.0496, 49.8363, 95.5776



Deuteranomaly

54.1180, 49.7496, 87.6392



Tritanomaly

55.8581, 49.9356, 67.0161

Monochromacy



Original Color

60.1622, 49.9845, 88.9152



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

53.6752, 51.7715, 68.1367

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1622, 49.9845, 88.9152 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, 168, 240)` looks like.

```
.text, #text, p{  
    color:rgb(223, 168, 240)  
}
```

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, 168, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 168, 240) }
```

Border

The CSS property to change the border of an element to XYZ 60.1622, 49.9845, 88.9152 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, 168, 240) }
```


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

```
.border{ border-color:rgb(223, 168, 240) }
```

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

Here you see how a box with a 4 pixel rgb(223, 168, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 168, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 168, 240);  
box-shadow:4px 4px 4px 4px rgb(223, 168,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1622, 49.9845, 88.9152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 168, 240) }
```

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

```
.background{ background-color: rgb(223,  
168, 240) }
```

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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