

Converting Colors

XYZ(61.9843, 51.1990, 86.1581)

Have a look what the booklet for
XYZ(61.9843, 51.1990, 86.1581)
contains.

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Color

**XYZ(61.9614, 51.2551,
85.9844)**

Conversions

Conversions Part 1

Format	Color
Hex	E6A9EC
RGB	230, 169, 236
RGB Percent	90%, 66%, 93%
CMY	0.0980, 0.3372, 0.0745
CMYK	0.03, 0.28, 0.00, 0.07
HSL	295°, 64%, 79%
HSV	295°, 28%, 93%
XYZ	61.9614, 51.2551, 85.9844
YIQ	194.8770, 14.8490, 33.7690

Conversions

Conversions Part 2

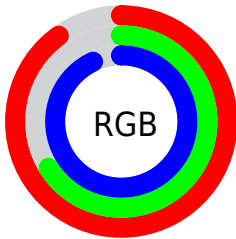
Format	Color
R _Y B	230, 169, 236
Decimal	15116780
CIE Lab	76.83, 33.40, -24.81
CIE LCh	77, 41.602, 323.398
Yxy	51.2551, 0.3110, 0.2573
Android (android.graphics.Color)	4293306860 (0xFFE6A9EC)
YUV	194.8770, 20.2736, 30.8029
Hunter-Lab	71.5927, 29.1995, -21.0938

Details

The XYZ color **61.9614, 51.2551, 85.9844** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.8379, 71.9708, 48.5402**, and the grayscale version is **51.6770, 54.3682, 59.2070**.

A 20% lighter version of the original color is **86.2152, 82.3304, 105.9551**, and **31.9392, 24.7847, 46.2806** is the 20% darker color. If you saturate the color by 10%, you get **57.2873, 42.9067, 84.6201**, and if you desaturate by 10%, it is **67.4393, 61.1969, 87.6154**.

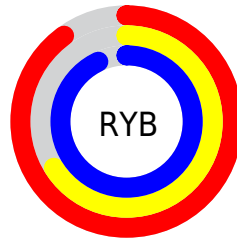
Distribution



Red (90%)

Green (66%)

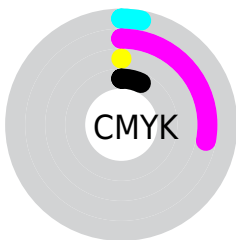
Blue (93%)



Red (90%)

Yellow (66%)

Blue (93%)

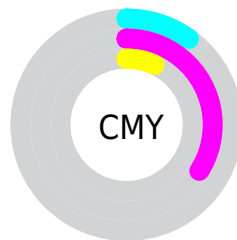


Cyan (3%)

Magenta (28%)

Yellow (0%)

Black (7%)



Cyan (10%)

Magenta (34%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9614, 51.2551, 85.9844 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 61.9614, 51.2551, 85.9844 by changing the saturation by 10% instead.

61.9614, 51.2551,
85.9844

61.9614, 51.2551,
85.9844

421.5101,
391.5541, 535.1091

45.2570, 36.4117,
64.1003

106.7600, 92.0317,
143.6341

31.8620, 24.7523,
46.2852

135.5849,
118.7337, 180.2367

21.4112, 15.8926,
32.1206

169.1807,
150.1574, 222.5825

13.5391, 9.4482,
21.1881

207.9127,
186.6871, 271.0901

7.8803, 5.0347,
13.0690

252.1462,
228.7072, 326.1780

4.0696, 2.2676,
7.3448

302.2468,

1.7416, 0.7565,

276.6021, 388.2648

3.5969

358.5796,
330.7563, 457.7690

■ 0.4821, 0.0000,
1.4069

■ 0.0000, 0.0000,
0.1471

■ 61.9614, 51.2551,
85.9844

■ 61.9614, 51.2551,
85.9844

■ 57.2873, 42.9067,
84.6201

■ 67.4393, 61.1969,
87.6154

■ 53.3695, 36.0598,
83.5050

■ 73.7557, 72.8044,
89.5230

■ 50.1629, 30.6232,
82.6246

■ 80.9490, 86.1534,
91.7204

■ 47.6157, 26.4932,
81.9617

■ 86.3134, 95.8322,
93.3059

45.6688, 23.5518,
81.4966

87.0290, 96.2011,
93.3394

44.2525, 21.6597,
81.2060

87.7529, 96.5743,
93.3733

43.2671, 20.6173,
81.0568

88.4853, 96.9519,
93.4076

43.1257, 20.4831,
81.0383

89.2261, 97.3338,
93.4422

89.9753, 97.7200,
93.4773

Harmonies

Analogous

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



55.0032, 51.2551, 106.0318



61.9614, 51.2551, 85.9844



65.4232, 51.2551, 60.9623

Triad

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



61.9614, 51.2551, 85.9844



50.4844, 51.2551, 22.7803



36.0593, 51.2551, 74.9347

Complementary

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



61.9614, 51.2551, 85.9844



54.8379, 71.9708, 48.5402

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.



35.1275, 51.2551, 50.9529



61.9614, 51.2551, 85.9844



42.9280, 51.2551, 24.6391

Square

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



61.9614, 51.2551, 85.9844



58.3497, 51.2551, 27.6553



37.5078, 51.2551, 33.6744



40.2064, 51.2551, 98.5405

Rectangle

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



61.9614, 51.2551, 85.9844



65.0432, 51.2551, 46.3196



37.5078, 51.2551, 33.6744



35.3796, 51.2551, 66.5112

Sweetspot

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



61.9630, 51.2573, 85.9855



87.4086, 85.8337, 106.5684



46.9713, 45.4268, 85.6503



18.4619, 17.9161, 22.7351



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.



61.9630, 51.2573, 85.9855



70.5491, 55.1532, 101.5350



60.3151, 50.8244, 67.0844



15.5741, 15.2412, 19.0433



23.8287, 11.3201, 44.6720



1.9101, 0.9090, 3.5097

Inverse Universe

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



56.5197, 49.3063, 47.0981



63.1409, 52.5133, 47.9157



56.3005, 72.4037, 63.1154



15.1202, 15.0759, 15.9185



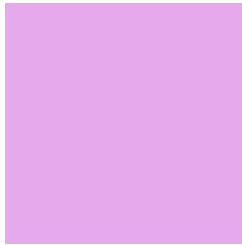
19.1629, 9.8679, 1.3933



1.5236, 0.7824, 0.2084

Previews

White Background



This preview shows how the XYZ color 61.9614, 51.2551, 85.9844 looks on a white background.

Color Contrast Check

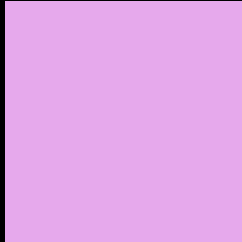
Large Text (above 18pt) WCAG AA × Fail

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 61.9614, 51.2551, 85.9844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

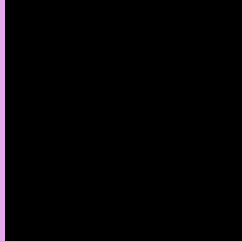
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.9614, 51.2551, 85.9844

Background



This preview shows how black text looks on a background with the XYZ color 61.9614, 51.2551, 85.9844.



This preview shows how white text looks on a background with the XYZ color 61.9614, 51.2551,

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

61.9614, 51.2551, 85.9844

Protanopia

52.3157, 51.6902, 96.8424

Deuteranopia

52.7604, 51.5658, 84.2632



Tritanopia

56.0648, 51.4497, 56.2661

Trichromacy



Original Color

61.9614, 51.2551, 85.9844



Protanomaly

55.1011, 51.0487, 92.5372



Deuteranomaly

55.8011, 51.2795, 84.7988



Tritanomaly

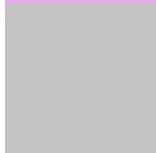
57.9565, 51.3337, 65.8852

Monochromacy



Original Color

61.9614, 51.2551, 85.9844



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

55.2042, 53.1809, 68.3281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9614, 51.2551, 85.9844 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(230, 169, 236)` looks like.

```
.text, #text, p{  
    color:rgb(230, 169, 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(230, 169, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 169, 236) }
```

Border

The CSS property to change the border of an element to XYZ 61.9614, 51.2551, 85.9844 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(230, 169, 236) }
```


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

```
.border{ border-color:rgb(230, 169, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 169, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 169, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 169, 236);  
box-shadow:4px 4px 4px 4px rgb(230, 169,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9614, 51.2551, 85.9844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 169, 236) }
```

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

```
.background{ background-color: rgb(230,  
169, 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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