

# Converting Colors

XYZ(61.0665, 51.3413, 66.1357)

Have a look what the booklet for  
XYZ(61.0665, 51.3413, 66.1357)  
contains.

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# Color

**XYZ(61.1697, 51.2807,  
66.3487)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EFA9D0
RGB	239, 169, 208
RGB Percent	94%, 66%, 82%
CMY	0.0627, 0.3372, 0.1843
CMYK	0.00, 0.29, 0.13, 0.06
HSL	327°, 69%, 80%
HSV	327°, 29%, 94%
XYZ	61.1697, 51.2807, 66.3487
YIQ	194.3760, 29.2010, 26.9690

# Conversions

## Conversions Part 2

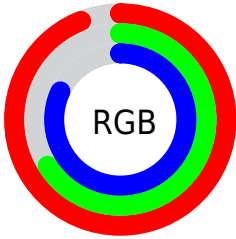
Format	Color
R <sub>Y</sub> B	239, 169, 208
Decimal	15706576
CIE Lab	76.85, 31.48, -9.47
CIE LCh	77, 32.872, 343.248
Yxy	51.2807, 0.3421, 0.2868
Android (android.graphics.Color)	4293896656 (0xFFEFA9D0)
YUV	194.3760, 6.7166, 39.1352
Hunter-Lab	71.6105, 27.1562, -4.8061

# Details

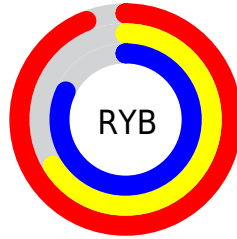
The XYZ color **61.1697, 51.2807, 66.3487** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **57.6561, 74.3395, 65.9570**, and the grayscale version is **51.4515, 54.1309, 58.9486**.

A 20% lighter version of the original color is **86.2152, 82.3304, 105.9551**, and **31.3695, 24.7690, 33.6994** is the 20% darker color. If you saturate the color by 10%, you get **55.8642, 42.6843, 58.3682**, and if you desaturate by 10%, it is **67.3778, 61.5418, 75.0600**.

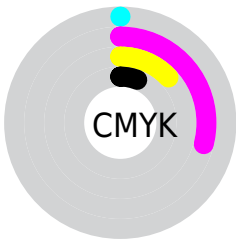
# Distribution



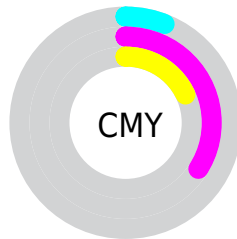
- Red (94%)
- Green (66%)
- Blue (82%)



- Red (94%)
- Yellow (66%)
- Blue (82%)



- Cyan (0%)
- Magenta (29%)
- Yellow (13%)
- Black (6%)



- Cyan (6%)
- Magenta (34%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1697, 51.2807, 66.3487 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 61.1697, 51.2807, 66.3487 by changing the saturation by 10% instead.



61.1697, 51.2807,  
66.3487

61.1697, 51.2807,  
66.3487

418.6619,  
391.6534, 466.0611

44.6152, 36.4320,  
48.0973

105.6213, 92.0696,  
115.6184

31.3544, 24.7681,  
33.5434

134.2492,  
118.7786, 147.4738

21.0220, 15.9043,  
22.2685

167.6322,  
150.2098, 184.7009

13.2527, 9.4565,  
13.8541

206.1357,  
186.7477, 227.7183

7.6810, 5.0401,  
7.8817

250.1250,  
228.7766, 276.9444

3.9416, 2.2708,  
3.9326

299.9656,

1.6691, 0.7582,

276.6809, 332.7979

1.5885

356.0228,  
330.8450, 395.6973

■ 0.4368, 0.0000,  
0.2826

■ 0.0000, 0.0000,  
0.0000

■ 61.1697, 51.2807,  
66.3487

■ 61.1697, 51.2807,  
66.3487

■ 55.8642, 42.6843,  
58.3682

■ 67.3778, 61.5418,  
75.0600

■ 51.4108, 35.6562,  
51.0917

■ 74.5265, 73.5432,  
84.5213

■ 47.7607, 30.1012,  
44.4950

■ 82.6571, 87.3643,  
94.7546

■ 44.8580, 25.9102,  
38.5506

■ 88.6657, 96.7944,  
104.7330

■ 42.6392, 22.9591,  
33.2282

■ 89.4069, 97.0909,  
108.6359

■ 41.0293, 21.1010,  
28.4933

■ 39.9119, 20.1065,  
24.2974

■ 39.8410, 20.0485,  
24.0150

# Harmonies

## Analogous

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



57.4415, 51.2807, 84.8249



61.1697, 51.2807, 66.3487



61.3912, 51.2807, 48.3186

# Triad

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



61.1697, 51.2807, 66.3487



46.0399, 51.2807, 28.6009



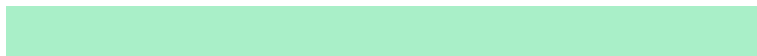
40.5054, 51.2807, 82.8743

# Complementary

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



61.1697, 51.2807, 66.3487



57.6561, 74.3395, 65.9570

# 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.



37.9598, 51.2807, 64.0952



61.1697, 51.2807, 66.3487



40.9662, 51.2807, 34.3420

# Square

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



61.1697, 51.2807, 66.3487



52.2852, 51.2807, 28.9508



38.1209, 51.2807, 46.4968



45.3603, 51.2807, 95.6739



# Rectangle

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



61.1697, 51.2807, 66.3487



59.4909, 51.2807, 39.0210



38.1209, 51.2807, 46.4968



39.3706, 51.2807, 76.8972

# Sweetspot

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



61.1712, 51.2830, 66.3498



86.5671, 85.5839, 98.2116



53.4118, 46.7983, 87.8799



18.2542, 17.8546, 20.6663



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.



61.1712, 51.2830, 66.3498



67.1574, 53.3723, 71.3711



57.3939, 49.7721, 46.4590



16.1415, 15.9063, 18.3013



22.0840, 11.1060, 13.6247



1.8872, 0.9439, 1.3967



# Inverse Universe

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



61.1712, 51.2830, 66.3498



67.1574, 53.3723, 71.3711



62.1295, 76.1289, 89.5138



16.1415, 15.9063, 18.3013



22.0840, 11.1060, 13.6247



1.8872, 0.9439, 1.3967



# Previews

## White Background



This preview shows how the XYZ color 61.1697, 51.2807, 66.3487 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

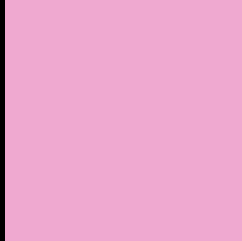
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 61.1697, 51.2807, 66.3487 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

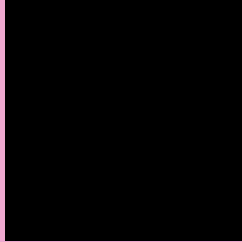
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 61.1697, 51.2807, 66.3487

## Background



This preview shows how black text looks on a background with the XYZ color 61.1697, 51.2807, 66.3487.



This preview shows how white text looks on a background with the XYZ color 61.1697, 51.2807,



# 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

61.1697, 51.2807, 66.3487

### Protanopia

50.8830, 51.7528, 75.0176

### Deuteranopia

52.7255, 51.6623, 64.9505



## Tritanopia

58.3986, 51.2652, 53.2716

# Trichromacy



## Original Color

61.1697, 51.2807, 66.3487



## Protanomaly

54.0245, 51.2511, 72.0108



## Deuteranomaly

55.2850, 51.1435, 65.3504



## Tritanomaly

59.4152, 51.4046, 57.8295

# Monochromacy



## Original Color

61.1697, 51.2807, 66.3487



## Achromatopsia

51.2775, 53.9479, 58.7493



## Achromatomaly

54.2361, 52.5231, 61.3122

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 61.1697, 51.2807, 66.3487 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(239, 169, 208)` looks like.

```
.text, #text, p{  
    color:rgb(239, 169, 208)  
}
```

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(239, 169, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 169, 208) }
```

## Border

The CSS property to change the border of an element to XYZ 61.1697, 51.2807, 66.3487 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(239, 169, 208) }
```



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

```
.border{ border-color:rgb(239, 169, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 169, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 169, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 169, 208);  
box-shadow:4px 4px 4px 4px rgb(239, 169,  
208) }
```

# Background

The CSS property to change the background color of an element to XYZ 61.1697, 51.2807, 66.3487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 169, 208) }
```

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

```
.background{ background-color: rgb(239,  
169, 208) }
```

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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