

Converting Colors

XYZ(64.3043, 53.9219, 86.2921)

Have a look what the booklet for
XYZ(64.3043, 53.9219, 86.2921)
contains.

XYZ(64.2081, 53.8207, 86.3612)	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(64.2081, 53.8207,
86.3612)**

Conversions

Conversions Part 1

Format	Color
Hex	EAAEEC
RGB	234, 174, 236
RGB Percent	92%, 68%, 93%
CMY	0.0823, 0.3176, 0.0745
CMYK	0.01, 0.26, 0.00, 0.07
HSL	298°, 62%, 80%
HSV	298°, 26%, 93%
XYZ	64.2081, 53.8207, 86.3612
YIQ	199.0080, 15.8580, 32.0020

Conversions

Conversions Part 2

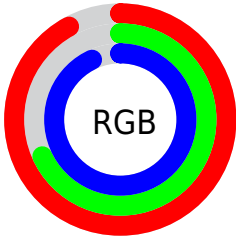
Format	Color
RYB	234, 174, 236
Decimal	15380204
CIELab	78.36, 32.01, -22.45
CIELCh	78, 39.095, 324.957
Yxy	53.8207, 0.3141, 0.2633
Android (android.graphics.Color)	4293570284 (0xFFEAAEEC)
YUV	199.0080, 18.2371, 30.6880
Hunter-Lab	73.3626, 27.8415, -18.4414

Details

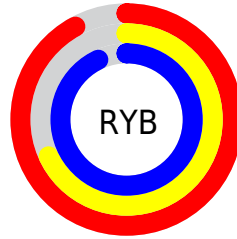
The XYZ color **64.2081, 53.8207, 86.3612** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.5418, 72.2784, 51.0709**, and the grayscale version is **54.1777, 56.9991, 62.0721**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **33.4357, 26.4350, 46.5202** is the 20% darker color. If you saturate the color by 10%, you get **59.7945, 45.3626, 84.9620**, and if you desaturate by 10%, it is **69.4272, 63.8860, 88.0297**.

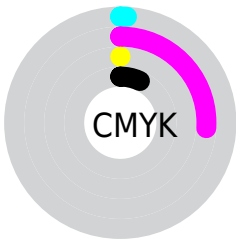
Distribution



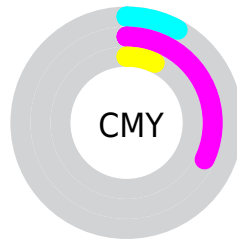
- Red (92%)
- Green (68%)
- Blue (93%)



- Red (92%)
- Yellow (68%)
- Blue (93%)



- Cyan (1%)
- Magenta (26%)
- Yellow (0%)
- Black (7%)



- Cyan (8%)
- Magenta (32%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.2081, 53.8207, 86.3612 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 64.2081, 53.8207, 86.3612 by changing the saturation by 10% instead.

64.2081, 53.8207,
86.3612

64.2081, 53.8207,
86.3612

429.5311,
401.4259, 536.3831

47.0816, 38.4583,
64.4101

109.9826, 95.8109,
144.1644

33.3083, 26.3386,
46.5346

139.3613,
123.2076, 180.8536

22.5231, 17.0771,
32.3162

173.5548,
155.3845, 223.2926

14.3605, 10.2895,
21.3363

212.9284,
192.7259, 271.8999

8.4552, 5.5913,
13.1764

257.8475,
235.6164, 327.0941

4.4418, 2.5982,
7.4180

308.6774,

1.9550, 0.9258,

284.4403, 389.2936

3.6425

365.7834,
339.5820, 458.9171

■ 0.6085, 0.0000,
1.4313

■ 0.0000, 0.0000,
0.1660

■ 64.2081, 53.8207,
86.3612

■ 64.2081, 53.8207,
86.3612

■ 59.7945, 45.3626,
84.9620

■ 69.4272, 63.8860,
88.0297

■ 56.1393, 38.4208,
83.8148

■ 75.4854, 75.6292,
89.9771

■ 53.1985, 32.9062,
82.9054

■ 82.4209, 89.1251,
92.2165

■ 50.9215, 28.7176,
82.2169

■ 85.8409, 95.5887,
93.2838

49.2510, 25.7405,
81.7303

86.0957, 95.7200,
93.2958

48.1200, 23.8408,
81.4232

86.3515, 95.8519,
93.3077

47.4452, 22.8517,
81.2679

86.6084, 95.9843,
93.3198

47.2592, 22.6140,
81.2318

86.8664, 96.1173,
93.3318

87.1255, 96.2509,
93.3440

Harmonies

Analogous

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



57.6353, 53.8207, 105.8561



64.2081, 53.8207, 86.3612



67.3017, 53.8207, 62.3941

Triad

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



64.2081, 53.8207, 86.3612



52.4626, 53.8207, 25.7874



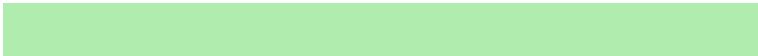
38.9123, 53.8207, 78.2965

Complementary

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



64.2081, 53.8207, 86.3612



55.5418, 72.2784, 51.0709

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.



37.8224, 53.8207, 54.9659



64.2081, 53.8207, 86.3612



45.1796, 53.8207, 28.0376

Square

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



64.2081, 53.8207, 86.3612



60.1014, 53.8207, 30.3712



40.0029, 53.8207, 37.5366



43.1435, 53.8207, 100.4430

Rectangle

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



64.2081, 53.8207, 86.3612



66.7715, 53.8207, 48.3597



40.0029, 53.8207, 37.5366



38.1855, 53.8207, 70.1961

Sweetspot

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



64.2098, 53.8230, 86.3624



88.6423, 87.5433, 106.8333



48.1366, 46.1343, 85.7254



18.7313, 18.2688, 22.7889



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.



64.2098, 53.8230, 86.3624



73.3488, 58.0251, 101.9418



61.0005, 52.6156, 66.0169



15.6640, 15.2876, 19.0475



26.0722, 12.4766, 44.7770



2.0624, 0.9875, 3.5168

Inverse Universe

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



57.5664, 51.2420, 47.9333



64.1000, 54.4366, 48.2196



58.2244, 73.2996, 67.5398



15.0852, 15.0619, 15.7337



19.0998, 9.8426, 1.0608



1.5067, 0.7757, 0.1199

Previews

White Background



This preview shows how the XYZ color 64.2081, 53.8207, 86.3612 looks on a white background.

Color Contrast Check

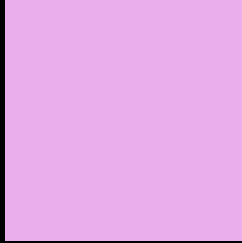
Large Text (above 18pt) WCAG AA × Fail

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 64.2081, 53.8207, 86.3612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

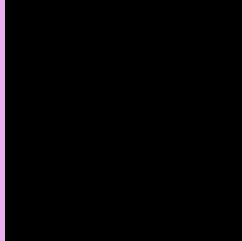
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.2081, 53.8207, 86.3612

Background



This preview shows how black text looks on a background with the XYZ color 64.2081, 53.8207, 86.3612.



This preview shows how white text looks on a background with the XYZ color 64.2081, 53.8207,

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

64.2081, 53.8207, 86.3612

Protanopia

54.7709, 54.2421, 97.2056

Deuteranopia

55.3696, 54.1794, 84.6302



Tritanopia

58.6867, 53.9354, 59.5420

Trichromacy



Original Color

64.2081, 53.8207, 86.3612



Protanomaly

57.4975, 53.5089, 92.8858



Deuteranomaly

58.2863, 53.7768, 85.1498



Tritanomaly

60.5111, 53.7663, 68.8167

Monochromacy



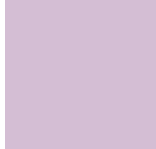
Original Color

64.2081, 53.8207, 86.3612



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

57.4485, 55.5774, 69.9870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.2081, 53.8207, 86.3612 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(234, 174, 236)` looks like.

```
.text, #text, p{  
    color:rgb(234, 174, 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(234, 174, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 174, 236) }
```

Border

The CSS property to change the border of an element to XYZ 64.2081, 53.8207, 86.3612 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(234, 174, 236) }
```


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

```
.border{ border-color:rgb(234, 174, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 174, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 174, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 174, 236);  
box-shadow:4px 4px 4px 4px rgb(234, 174,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 64.2081, 53.8207, 86.3612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 174, 236) }
```

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

```
.background{ background-color: rgb(234,  
174, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor