

Converting Colors

XYZ(64.0885, 51.2419, 87.2970)

Have a look what the booklet for
XYZ(64.0885, 51.2419, 87.2970)
contains.

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Color

**XYZ(64.1476, 51.2605,
87.4022)**

Conversions

Conversions Part 1

Format	Color
Hex	EEA5EE
RGB	238, 165, 238
RGB Percent	93%, 65%, 93%
CMY	0.0667, 0.3529, 0.0667
CMYK	0.00, 0.31, 0.00, 0.07
HSL	300°, 68%, 79%
HSV	300°, 31%, 93%
XYZ	64.1476, 51.2605, 87.4022
YIQ	195.1490, 20.0750, 38.1790

Conversions

Conversions Part 2

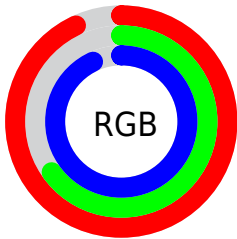
Format	Color
R _Y B	238, 165, 238
Decimal	15640046
CIE Lab	76.84, 38.42, -25.81
CIE LCh	77, 46.288, 326.110
Yxy	51.2605, 0.3163, 0.2528
Android (android.graphics.Color)	4293830126 (0xFFEEA5EE)
YUV	195.1490, 21.1255, 37.5803
Hunter-Lab	71.5964, 34.6352, -22.2615

Details

The XYZ color **64.1476, 51.2605, 87.4022** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.8852, 71.8666, 46.6845**, and the grayscale version is **51.8317, 54.5310, 59.3842**.

A 20% lighter version of the original color is **85.1465, 80.1929, 105.5988**, and **33.2937, 24.7895, 47.2860** is the 20% darker color. If you saturate the color by 10%, you get **60.2483, 43.4609, 86.1029**, and if you desaturate by 10%, it is **68.8489, 60.6621, 88.9700**.

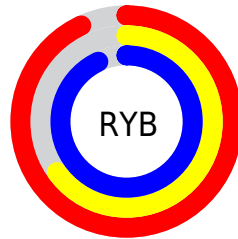
Distribution



Red (93%)

Green (65%)

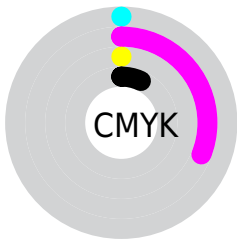
Blue (93%)



Red (93%)

Yellow (65%)

Blue (93%)

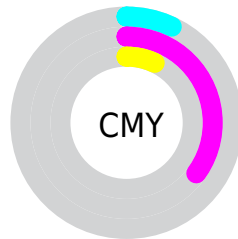


Cyan (0%)

Magenta (31%)

Yellow (0%)

Black (7%)



Cyan (7%)

Magenta (35%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.1476, 51.2605, 87.4022 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 64.1476, 51.2605, 87.4022 by changing the saturation by 10% instead.

64.1476, 51.2605,
87.4022

64.1476, 51.2605,
87.4022

429.3162,
391.5750, 539.8941

47.0324, 36.4160,
65.2666

109.8960, 92.0397,
145.6284

33.2693, 24.7556,
47.2246

139.2599,
118.7432, 182.5561

22.4930, 15.8951,
32.8576

173.4374,
150.1684, 225.2515

14.3383, 9.4499,
21.7471

212.7938,
186.6999, 274.1333

8.4396, 5.0358,
13.4747

257.6946,
228.7218, 329.6198

4.4316, 2.2683,
7.6217

308.5050,

1.9491, 0.7568,

276.6187, 392.1298

3.7696

365.5904,
330.7750, 462.0817

■ 0.6051, 0.0000,
1.4998

■ 0.0000, 0.0000,
0.2178

■ 64.1476, 51.2605,
87.4022

■ 64.1476, 51.2605,
87.4022

■ 60.2483, 43.4609,
86.1029

■ 68.8489, 60.6621,
88.9700

■ 57.1017, 37.1677,
85.0539

■ 74.3884, 71.7409,
90.8165

■ 54.6607, 32.2858,
84.2402

■ 80.8056, 84.5754,
92.9557

■ 52.8710, 28.7064,
83.6435

■ 86.4532, 95.8705,
94.8383

51.6702, 26.3048,
83.2431

86.4532, 95.8705,
94.8384

50.9838, 24.9321,
83.0142

86.4532, 95.8705,
94.8385

50.6930, 24.3504,
82.9172

86.4532, 95.8705,
94.8386

86.4532, 95.8705,
94.8387

86.4533, 95.8705,
94.8388

Harmonies

Analogous

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



56.5478, 51.2605, 111.5632



64.1476, 51.2605, 87.4022



67.6120, 51.2605, 59.1640

Triad

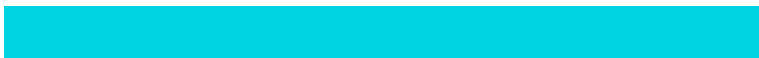
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.1476, 51.2605, 87.4022



49.8777, 51.2605, 20.1014



35.0617, 51.2605, 79.9516

Complementary

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



64.1476, 51.2605, 87.4022



52.8852, 71.8666, 46.6845

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.



33.7248, 51.2605, 52.5929



64.1476, 51.2605, 87.4022



41.6530, 51.2605, 22.6468

Square

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



64.1476, 51.2605, 87.4022



58.7705, 51.2605, 24.4954



35.9909, 51.2605, 32.9335



39.8888, 51.2605, 106.4311

Rectangle

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



64.1476, 51.2605, 87.4022



66.8374, 51.2605, 43.4271



35.9909, 51.2605, 32.9335



34.2162, 51.2605, 70.3572

Sweetspot

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



64.1492, 51.2628, 87.4033



88.1607, 86.2214, 106.6035



44.4072, 41.0853, 86.4797



18.6488, 18.0124, 22.7438



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.



64.1492, 51.2628, 87.4033



71.9737, 53.8475, 101.2075



59.3184, 49.3304, 61.9647



16.4543, 16.0314, 19.9487



28.2812, 13.5849, 46.2589



2.3527, 1.1301, 3.8483

Inverse Universe

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



64.1492, 51.2628, 87.4033



71.9737, 53.8475, 101.2075



56.6951, 73.3906, 66.7470



16.4543, 16.0314, 19.9487



28.2812, 13.5849, 46.2589



2.3527, 1.1301, 3.8483

Previews

White Background



This preview shows how the XYZ color 64.1476, 51.2605, 87.4022 looks on a white background.

Color Contrast Check

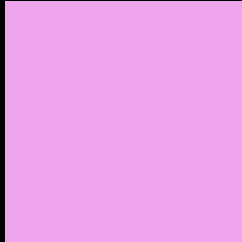
Large Text (above 18pt) WCAG AA × Fail

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 64.1476, 51.2605, 87.4022 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 64.1476, 51.2605, 87.4022

Background



This preview shows how black text looks on a background with the XYZ color 64.1476, 51.2605, 87.4022.



This preview shows how white text looks on a background with the XYZ color 64.1476, 51.2605,

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

64.1476, 51.2605, 87.4022

Protanopia

52.8278, 51.8444, 101.8304

Deuteranopia

52.6599, 51.4974, 85.0064



Tritanopia

57.3621, 51.2797, 54.4516

Trichromacy



Original Color

64.1476, 51.2605, 87.4022



Protanomaly

55.9258, 51.0842, 96.5352



Deuteranomaly

56.0926, 50.8181, 85.4497



Tritanomaly

59.6352, 51.0745, 65.1078

Monochromacy



Original Color

64.1476, 51.2605, 87.4022



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

55.7623, 52.8330, 68.8868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1476, 51.2605, 87.4022 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(238, 165, 238)` looks like.

```
.text, #text, p{  
    color:rgb(238, 165, 238)  
}
```

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(238, 165, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 165, 238) }
```

Border

The CSS property to change the border of an element to XYZ 64.1476, 51.2605, 87.4022 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(238, 165, 238) }
```


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

```
.border{ border-color:rgb(238, 165, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 165, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 165, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 165, 238);  
box-shadow:4px 4px 4px 4px rgb(238, 165,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1476, 51.2605, 87.4022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 165, 238) }
```

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

```
.background{ background-color: rgb(238,  
165, 238) }
```

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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