

Converting Colors

XYZ(65.6361, 51.3432, 83.6487)

Have a look what the booklet for
XYZ(65.6361, 51.3432, 83.6487)
contains.

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Color

**XYZ(65.6343, 51.3167,
83.5366)**

Conversions

Conversions Part 1

Format	Color
Hex	F6A2E9
RGB	246, 162, 233
RGB Percent	96%, 64%, 91%
CMY	0.0353, 0.3647, 0.0863
CMYK	0.00, 0.34, 0.05, 0.04
HSL	309°, 82%, 80%
HSV	309°, 34%, 96%
XYZ	65.6343, 51.3167, 83.5366
YIQ	195.2100, 27.2730, 39.8890

Conversions

Conversions Part 2

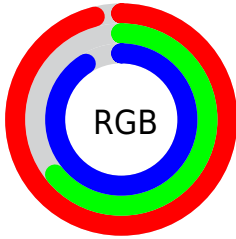
Format	Color
R _Y B	246, 162, 233
Decimal	16163561
CIE Lab	76.87, 41.64, -22.97
CIE LCh	77, 47.556, 331.117
Yxy	51.3167, 0.3274, 0.2560
Android (android.graphics.Color)	4294353641 (0xFFF6A2E9)
YUV	195.2100, 18.6305, 44.5428
Hunter-Lab	71.6357, 38.1835, -18.9949

Details

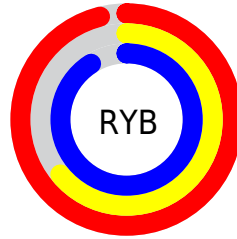
The XYZ color **65.6343, 51.3167, 83.5366** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **55.5960, 76.6896, 52.4329**, and the grayscale version is **51.8794, 54.5812, 59.4389**.

A 20% lighter version of the original color is **84.3614, 78.6228, 105.3371**, and **34.1435, 24.8030, 44.5829** is the 20% darker color. If you saturate the color by 10%, you get **61.1798, 43.2679, 79.3975**, and if you desaturate by 10%, it is **70.9513, 61.0699, 88.0222**.

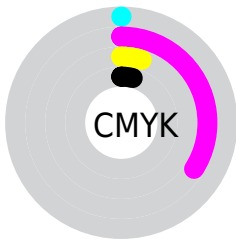
Distribution



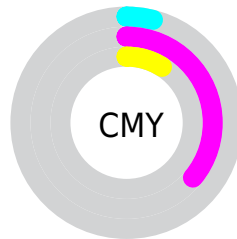
- Red (96%)
- Green (64%)
- Blue (91%)



- Red (96%)
- Yellow (64%)
- Blue (91%)



- Cyan (0%)
- Magenta (34%)
- Yellow (5%)
- Black (4%)





- Cyan (4%)
- Magenta (36%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.6343, 51.3167, 83.5366 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 65.6343, 51.3167, 83.5366 by changing the saturation by 10% instead.


 65.6343, 51.3167,
83.5366


 65.6343, 51.3167,
83.5366


434.5772,
391.7930, 526.7909

 48.2422, 36.4607,
62.0897

 112.0219, 92.1227,
140.1827

 34.2308, 24.7902,
44.6690


 141.7482,
118.8416, 176.2190

 23.2347, 15.9208,
30.8557


176.3165,
150.2835, 217.9556

 14.8885, 9.4681,
20.2315

216.0923,
186.8329, 265.8109

 8.8270, 5.0478,
12.3777

261.4409,
228.8741, 320.2036

 4.6847, 2.2753,
6.8758


312.7277,


 2.0963, 0.7606,


276.7916, 381.5521


3.3073


370.3180,
330.9698, 450.2750


 0.6872, 0.0000,
1.2536


 0.0000, 0.0000,
0.0233


 65.6343, 51.3167,
83.5366


 65.6343, 51.3167,
83.5366


 61.1798, 43.2679,
79.3975


 70.9513, 61.0699,
88.0222


 57.5332, 36.8173,
75.5847

 77.1718, 72.6120,
92.8666

 54.6414, 31.8576,
72.0808

 84.3396, 86.0298,
98.0855

 52.4426, 28.2655,
68.8646

 90.7455, 97.9047,
103.1094

■ 50.8651, 25.8976,
65.9120

■ 91.3431, 98.1437,
106.2564

■ 49.8213, 24.5791,
63.1933

■ 91.8164, 98.3330,
108.7487

■ 49.3826, 24.1435,
61.6848

Harmonies

Analogous

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



58.3214, 51.3167, 110.2519



65.6343, 51.3167, 83.5366



68.3011, 51.3167, 54.9099

Triad

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



65.6343, 51.3167, 83.5366



48.4368, 51.3167, 19.4174



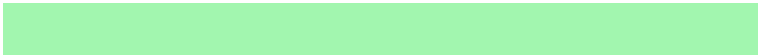
35.3552, 51.3167, 85.7546

Complementary

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



65.6343, 51.3167, 83.5366



55.5960, 76.6896, 52.4329

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.



33.3775, 51.3167, 56.8517



65.6343, 51.3167, 83.5366



40.3316, 51.3167, 23.1725

Square

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



65.6343, 51.3167, 83.5366



57.6625, 51.3167, 22.6368



35.0823, 51.3167, 35.1130



40.8511, 51.3167, 111.7863

Rectangle

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



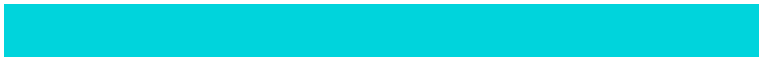
65.6343, 51.3167, 83.5366



66.8544, 51.3167, 39.7895



35.0823, 51.3167, 35.1130



34.2897, 51.3167, 75.7993

Sweetspot

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



65.6359, 51.3190, 83.5377



86.8189, 84.5441, 103.0536



47.1468, 41.5649, 92.7276



18.3534, 17.6671, 21.8890



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.



65.6359, 51.3190, 83.5377



67.7715, 49.4379, 87.4914



60.3763, 49.2152, 55.8410



17.0969, 16.7216, 20.2571



26.4010, 12.9038, 33.1495



2.3495, 1.1458, 3.0668

Inverse Universe

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



65.6359, 51.3190, 83.5377



67.7715, 49.4379, 87.4914



60.3304, 78.5833, 77.3634



17.0969, 16.7216, 20.2571



26.4010, 12.9038, 33.1495



2.3495, 1.1458, 3.0668

Previews

White Background



This preview shows how the XYZ color 65.6343, 51.3167, 83.5366 looks on a white background.

Color Contrast Check

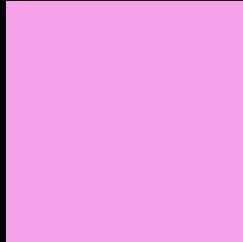
Large Text (above 18pt) WCAG AA × Fail

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 65.6343, 51.3167, 83.5366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

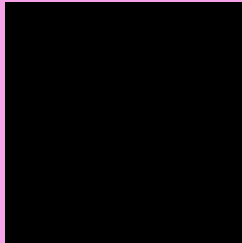
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.6343, 51.3167, 83.5366

Background



This preview shows how black text looks on a background with the XYZ color 65.6343, 51.3167, 83.5366.



This preview shows how white text looks on a background with the XYZ color 65.6343, 51.3167,

83.5366.

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

65.6343, 51.3167, 83.5366

Protanopia

52.7875, 51.8790, 99.3269

Deuteranopia

52.9370, 51.7221, 81.3220



Tritanopia

59.2550, 51.1539, 52.6495

Trichromacy



Original Color

65.6343, 51.3167, 83.5366



Protanomaly

56.4209, 51.1121, 93.2781



Deuteranomaly

56.5834, 50.8591, 81.6974



Tritanomaly

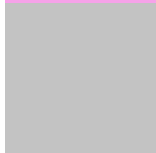
61.2813, 51.1468, 62.5196

Monochromacy



Original Color

65.6343, 51.3167, 83.5366



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

56.1737, 52.7666, 67.5459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6343, 51.3167, 83.5366 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(246, 162, 233)` looks like.

```
.text, #text, p{  
    color:rgb(246, 162, 233)  
}
```

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(246, 162, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 162, 233) }
```

Border

The CSS property to change the border of an element to XYZ 65.6343, 51.3167, 83.5366 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(246, 162, 233) }
```


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

```
.border{ border-color:rgb(246, 162, 233) }
```

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

Here you see how a box with a 4 pixel rgb(246, 162, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 162, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 162, 233);  
box-shadow:4px 4px 4px 4px rgb(246, 162,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6343, 51.3167, 83.5366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 162, 233) }
```

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

```
.background{ background-color: rgb(246,  
162, 233) }
```

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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