

Converting Colors

XYZ(56.6210, 37.5717, 82.1622)

Have a look what the booklet for
XYZ(56.6210, 37.5717, 82.1622)
contains.

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Color

**XYZ(56.6137, 37.6198,
82.1194)**

Conversions

Conversions Part 1

Format	Color
Hex	ED79EA
RGB	237, 121, 234
RGB Percent	93%, 47%, 92%
CMY	0.0706, 0.5255, 0.0824
CMYK	0.00, 0.49, 0.01, 0.07
HSL	302°, 76%, 70%
HSV	302°, 49%, 93%
XYZ	56.6137, 37.6198, 82.1194
YIQ	168.5660, 32.8630, 59.7350

Conversions

Conversions Part 2

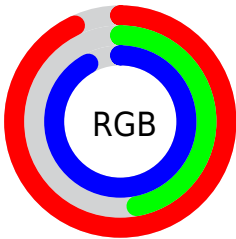
Format	Color
R _Y B	237, 121, 234
Decimal	15563242
CIE Lab	67.74, 59.75, -37.67
CIE LCh	68, 70.631, 327.767
Yxy	37.6198, 0.3210, 0.2133
Android (android.graphics.Color)	4293753322 (0xFFED79EA)
YUV	168.5660, 32.2590, 60.0166
Hunter-Lab	61.3350, 57.4237, -36.4470

Details

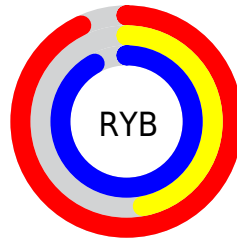
The XYZ color **56.6137, 37.6198, 82.1194** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **41.8091, 66.0900, 29.6240**, and the grayscale version is **37.3339, 39.2781, 42.7739**.

A 20% lighter version of the original color is **75.0121, 59.9243, 102.2207**, and **28.5166, 16.5787, 43.8165** is the 20% darker color. If you saturate the color by 10%, you get **53.9920, 32.5161, 80.8120**, and if you desaturate by 10%, it is **59.9457, 44.1417, 83.6658**.

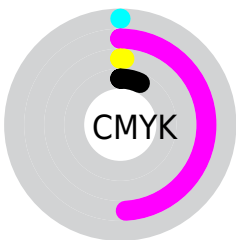
Distribution



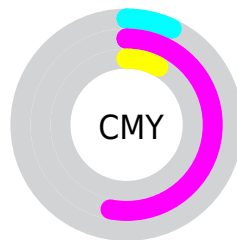
- Red (93%)
- Green (47%)
- Blue (92%)



- Red (93%)
- Yellow (47%)
- Blue (92%)



- Cyan (0%)
- Magenta (49%)
- Yellow (1%)
- Black (7%)





- Cyan (7%)
- Magenta (53%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.6137, 37.6198, 82.1194 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 56.6137, 37.6198, 82.1194 by changing the saturation by 10% instead.


 56.6137, 37.6198,
82.1194


 56.6137, 37.6198,
82.1194


402.0378,
335.9862, 521.9409


 40.9341, 25.6877,
60.9276


 99.0359, 71.5250,
138.1796

 28.4550, 16.5902,
43.7365


 126.5093, 94.2670,
173.8851

 18.8112, 9.9427,
30.1278


 158.6446,
121.3810, 215.2655

 11.6371, 5.3610,
19.6827

195.8072,
153.2515, 262.7394

 6.5675, 2.4606,
11.9828

238.3624,
190.2629, 316.7254

 3.2370, 0.8568,
6.6096

286.6757,

 1.2803, 0.0000,

232.7995, 377.6419

3.1444

341.1124,
281.2458, 445.9076

■ 0.1684, 0.0000,
1.1689

■ 0.0000, 0.0000,
0.0000

■ 56.6137, 37.6198,
82.1194

■ 56.6137, 37.6198,
82.1194

■ 53.9920, 32.5161,
80.8120

■ 59.9457, 44.1417,
83.6658

■ 52.0238, 28.7201,
79.7236


■ 64.0315, 52.1715,
85.4645


■ 50.6505, 26.1133,
78.8350


■ 68.9156, 61.7976,
87.5309


■ 49.8009, 24.5532,
78.1224


■ 74.6381, 73.0999,
89.8783


 49.3674, 23.8250,
77.5501


 81.2363, 86.1531,
92.5191

 49.3310, 23.7670,
77.4928

 86.0711, 95.6790,
94.5736

 86.1611, 95.7150,
95.0480

 86.2516, 95.7512,
95.5241

 86.3423, 95.7875,
96.0017

Harmonies

Analogous

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



46.4543, 37.6198, 120.5046



56.6137, 37.6198, 82.1194



61.1002, 37.6198, 43.3487

Triad

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



56.6137, 37.6198, 82.1194



36.5806, 37.6198, 5.4708



20.2131, 37.6198, 75.8366

Complementary

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



56.6137, 37.6198, 82.1194



41.8091, 66.0900, 29.6240

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.



18.6155, 37.6198, 38.6637



56.6137, 37.6198, 82.1194



26.8417, 37.6198, 7.4715

Square

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



56.6137, 37.6198, 82.1194



48.1614, 37.6198, 8.2504



20.7775, 37.6198, 16.5363



25.6886, 37.6198, 115.7593

Rectangle

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



56.6137, 37.6198, 82.1194



59.7028, 37.6198, 25.2193



20.7775, 37.6198, 16.5363



19.2604, 37.6198, 62.1808

Sweetspot

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



56.6150, 37.6215, 82.1202



83.8795, 77.9134, 104.3926



30.2840, 23.9971, 83.1576



17.6576, 16.0921, 22.2221



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.



56.6150, 37.6215, 82.1202



63.6755, 38.2436, 95.3818



49.7064, 34.8581, 45.7402



15.6970, 15.3067, 18.9557



26.9406, 12.9789, 42.3499



2.1208, 1.0213, 3.3536

Inverse Universe

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



56.6150, 37.6215, 82.1202



63.6755, 38.2436, 95.3818



46.5046, 67.9682, 54.3502



15.6970, 15.3067, 18.9557



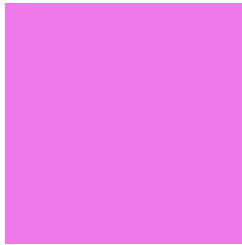
26.9406, 12.9789, 42.3499



2.1208, 1.0213, 3.3536

Previews

White Background



This preview shows how the XYZ color 56.6137, 37.6198, 82.1194 looks on a white background.

Color Contrast Check

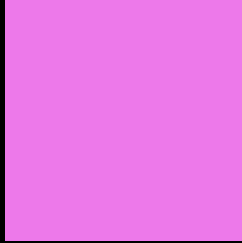
Large Text (above 18pt) WCAG AA × Fail

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 56.6137, 37.6198, 82.1194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

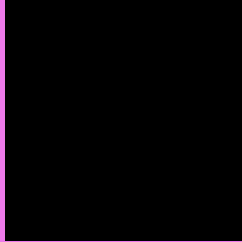
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.6137, 37.6198, 82.1194

Background



This preview shows how black text looks on a background with the XYZ color 56.6137, 37.6198, 82.1194.



This preview shows how white text looks on a background with the XYZ color 56.6137, 37.6198,

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

56.6137, 37.6198, 82.1194

Protanopia

40.3304, 37.8860, 99.7948

Deuteranopia

38.8164, 37.8514, 77.9333



Tritanopia

46.7893, 37.6150, 34.0725

Trichromacy



Original Color

56.6137, 37.6198, 82.1194



Protanomaly

43.7998, 36.1289, 92.6608



Deuteranomaly

43.4632, 36.4767, 79.6129



Tritanomaly

49.8206, 37.3753, 48.3044

Monochromacy



Original Color

56.6137, 37.6198, 82.1194



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

43.1020, 37.7761, 55.4719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6137, 37.6198, 82.1194 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(237, 121, 234)` looks like.

```
.text, #text, p{  
    color:rgb(237, 121, 234)  
}
```

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(237, 121, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 121, 234) }
```

Border

The CSS property to change the border of an element to XYZ 56.6137, 37.6198, 82.1194 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(237, 121, 234) }
```


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

```
.border{ border-color:rgb(237, 121, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 121, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 121, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 121, 234);  
box-shadow:4px 4px 4px 4px rgb(237, 121,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6137, 37.6198, 82.1194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 121, 234) }
```

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

```
.background{ background-color: rgb(237,  
121, 234) }
```

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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