

Converting Colors

XYZ(47.2983, 34.9171, 41.8347)

Have a look what the booklet for
XYZ(47.2983, 34.9171, 41.8347)
contains.

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Color

**XYZ(47.5137, 35.1259,
41.8118)**

Conversions

Conversions Part 1

Format	Color
Hex	E680A9
RGB	230, 128, 169
RGB Percent	90%, 50%, 66%
CMY	0.0980, 0.4980, 0.3373
CMYK	0.00, 0.44, 0.27, 0.10
HSL	336°, 67%, 70%
HSV	336°, 44%, 90%
XYZ	47.5137, 35.1259, 41.8118
YIQ	163.1720, 47.6310, 34.3750

Conversions

Conversions Part 2

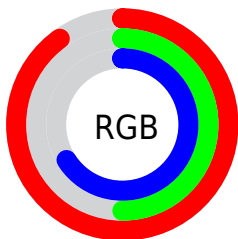
Format	Color
R_{YB}	230, 128, 169
Decimal	15106217
CIE _{Lab}	65.85, 44.04, -4.26
CIE _{LCh}	66, 44.241, 354.480
Yxy	35.1259, 0.3818, 0.2822
Android (android.graphics.Color)	4293296297 (0xFFE680A9)
YUV	163.1720, 2.8732, 58.6082
Hunter-Lab	59.2671, 39.3838, -0.3410

Details

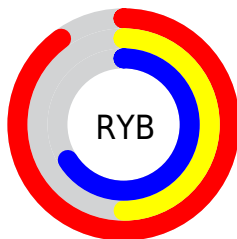
The XYZ color **47.5137, 35.1259, 41.8118** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **46.3859, 64.8578, 58.2214**, and the grayscale version is **34.8661, 36.6818, 39.9465**.

A 20% lighter version of the original color is **71.6280, 60.5088, 78.4252**, and **22.7402, 15.0872, 18.5432** is the 20% darker color. If you saturate the color by 10%, you get **43.6224, 29.3023, 34.4751**, and if you desaturate by 10%, it is **52.2227, 42.3670, 50.0921**.

Distribution



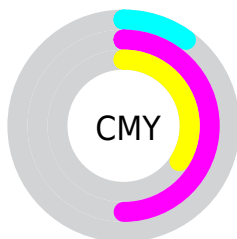
- Red (90%)
- Green (50%)
- Blue (66%)



- Red (90%)
- Yellow (50%)
- Blue (66%)



- Cyan (0%)
- Magenta (44%)
- Yellow (27%)
- Black (10%)



- Cyan (10%)
- Magenta (50%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.5137, 35.1259, 41.8118 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 47.5137, 35.1259, 41.8118 by changing the saturation by 10% instead.

47.5137, 35.1259,
41.8118

47.5137, 35.1259,
41.8118

367.4761,
325.1237, 369.4788

33.6516, 23.7599,
28.6295

85.6940, 67.6808,
79.1817

22.7877, 15.1556,
18.5575

110.7429, 89.6384,
104.2064

14.5566, 8.9287,
11.1774

140.2514,
115.8953, 134.0156

8.5931, 4.6947,
6.0706

174.5849,
146.8360, 169.0280

4.5317, 2.0693,
2.8186

214.1088,
182.8448, 209.6619

2.0071, 0.6473,
1.0028

259.1884,

0.6380, 0.0000,

224.3060, 256.3360

0.0000

310.1890,
271.6042, 309.4688

■ 0.0000, 0.0000,
0.0000

■ 47.5137, 35.1259,
41.8118

■ 47.5137, 35.1259,
41.8118

■ 43.6224, 29.3023,
34.4751

■ 52.2227, 42.3670,
50.0921

■ 40.4952, 24.7963,
28.0425

■ 57.7927, 51.1065,
59.3491

■ 38.0763, 21.5031,
22.4740


■ 64.2671, 61.4249,
69.6167


■ 36.3003, 19.2996,
17.7250

■ 71.6858, 73.3958,
80.9261

■ 35.0883, 18.0355,
13.7450

■ 80.0858, 87.0881,
93.3074

 34.5845, 17.6035,
11.8023

 85.8902, 95.3418,
105.5850

 86.4432, 95.5630,
108.4972

Harmonies

Analogous

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



44.6881, 35.1259, 63.1832



47.5137, 35.1259, 41.8118



46.1717, 35.1259, 25.1929

Triad

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



47.5137, 35.1259, 41.8118



28.4472, 35.1259, 13.9606



26.6075, 35.1259, 75.6305

Complementary

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



47.5137, 35.1259, 41.8118



46.3859, 64.8578, 58.2214

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.



23.2099, 35.1259, 55.1723



47.5137, 35.1259, 41.8118



24.1710, 35.1259, 20.9225

Square

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



47.5137, 35.1259, 41.8118



34.6090, 35.1259, 12.4521



22.3796, 35.1259, 34.8892



32.1924, 35.1259, 86.3867

Rectangle

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



47.5137, 35.1259, 41.8118



43.1736, 35.1259, 18.1731



22.3796, 35.1259, 34.8892



25.2023, 35.1259, 69.3921

Sweetspot

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



47.5147, 35.1276, 41.8125



82.3420, 79.4311, 89.7210



42.6197, 31.7815, 78.7512



17.2070, 16.3315, 18.5555



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.



47.5147, 35.1276, 41.8125



55.5951, 37.7196, 44.4822



45.4055, 36.1328, 25.0054



14.6158, 14.4635, 16.1773



19.6364, 9.9888, 6.9804



1.4960, 0.7561, 0.7524

Inverse Universe

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



47.5147, 35.1276, 41.8125



55.5951, 37.7196, 44.4822



49.1749, 62.2806, 84.2927



14.6158, 14.4635, 16.1773



19.6364, 9.9888, 6.9804



1.4960, 0.7561, 0.7524

Previews

White Background



This preview shows how the XYZ color 47.5137, 35.1259, 41.8118 looks on a white background.

Color Contrast Check

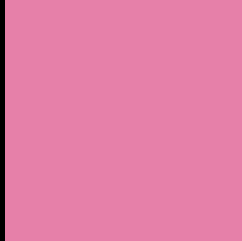
Large Text (above 18pt) WCAG AA × Fail

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 47.5137, 35.1259, 41.8118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

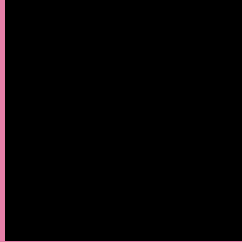
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.5137, 35.1259, 41.8118

Background



This preview shows how black text looks on a background with the XYZ color 47.5137, 35.1259, 41.8118.



This preview shows how white text looks on a background with the XYZ color 47.5137, 35.1259,

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

47.5137, 35.1259, 41.8118

Protanopia

35.1010, 35.4390, 53.1345

Deuteranopia

35.8777, 35.1217, 40.0102



Tritanopia

45.0240, 35.0891, 30.3865

Trichromacy



Original Color

47.5137, 35.1259, 41.8118

Protanomaly

38.3248, 34.5023, 48.8956

Deuteranomaly

39.2565, 34.4733, 40.6614

Tritanomaly

45.7787, 34.9936, 34.0474

Monochromacy



Original Color

47.5137, 35.1259, 41.8118

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

38.1914, 35.0941, 40.3582

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5137, 35.1259, 41.8118 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(230, 128, 169)` looks like.

```
.text, #text, p{  
    color:rgb(230, 128, 169)  
}
```

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(230, 128, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 128, 169) }
```

Border

The CSS property to change the border of an element to XYZ 47.5137, 35.1259, 41.8118 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(230, 128, 169) }
```


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

```
.border{ border-color:rgb(230, 128, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 128, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 128, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 128, 169);  
box-shadow:4px 4px 4px 4px rgb(230, 128,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5137, 35.1259, 41.8118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 128, 169) }
```

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

```
.background{ background-color: rgb(230,  
128, 169) }
```

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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