

Converting Colors

XYZ(52.8343, 37.6216, 48.9121)

Have a look what the booklet for
XYZ(52.8343, 37.6216, 48.9121)
contains.

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Color

**XYZ(52.7806, 37.6930,
48.7496)**

Conversions

Conversions Part 1

Format	Color
Hex	F280B6
RGB	242, 128, 182
RGB Percent	95%, 50%, 71%
CMY	0.0510, 0.4980, 0.2863
CMYK	0.00, 0.47, 0.25, 0.05
HSL	332°, 81%, 73%
HSV	332°, 47%, 95%
XYZ	52.7806, 37.6930, 48.7496
YIQ	168.2420, 50.6100, 40.9620

Conversions

Conversions Part 2

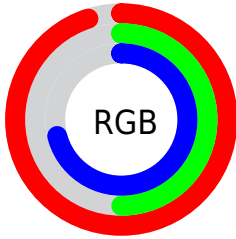
Format	Color
R _Y B	242, 128, 182
Decimal	15892662
CIE Lab	67.79, 49.80, -8.53
CIE LCh	68, 50.521, 350.278
Yxy	37.6930, 0.3791, 0.2707
Android (android.graphics.Color)	4294082742 (0xFFFF280B6)
YUV	168.2420, 6.7827, 64.6858
Hunter-Lab	61.3946, 46.0148, -4.1022

Details

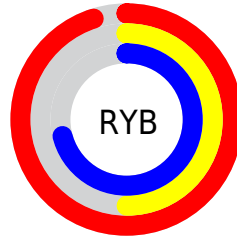
The XYZ color **52.7806, 37.6930, 48.7496** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **49.7331, 71.7253, 58.8037**, and the grayscale version is **37.2898, 39.2317, 42.7233**.

A 20% lighter version of the original color is **73.6061, 61.3000, 88.8415**, and **25.9397, 16.5498, 22.5961** is the 20% darker color. If you saturate the color by 10%, you get **48.7351, 31.6135, 41.1993**, and if you desaturate by 10%, it is **57.7006, 45.3293, 57.1830**.

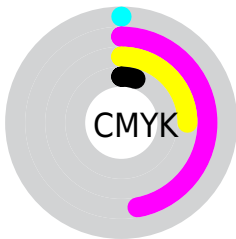
Distribution



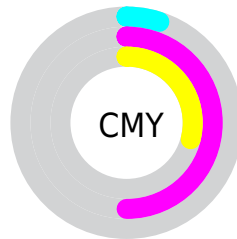
- Red (95%)
- Green (50%)
- Blue (71%)



- Red (95%)
- Yellow (50%)
- Blue (71%)



- Cyan (0%)
- Magenta (47%)
- Yellow (25%)
- Black (5%)





- Cyan (5%)
- Magenta (50%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.7806, 37.6930, 48.7496 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 52.7806, 37.6930, 48.7496 by changing the saturation by 10% instead.


 52.7806, 37.6930,
48.7496


 52.7806, 37.6930,
48.7496


387.7175,
336.3012, 398.3498

 37.8544, 25.7445,
34.0567


 93.4489, 71.6373,
89.6966

 26.0464, 16.6326,
22.6594

 119.9217, 94.4020,
116.7877

 16.9912, 9.9729,
14.1393


 150.9741,
121.5408, 148.8487

 10.3235, 5.3810,
8.0778

186.9715,
153.4382, 186.2980

 5.6779, 2.4725,
4.0563

228.2791,
190.4785, 229.5543

 2.6890, 0.8628,
1.6563

275.2624,

 0.9915, 0.0000,

233.0462, 279.0359

0.3305

328.2868,
281.5256, 335.1616

■ 0.0000, 0.0000,
0.0000

■ 52.7806, 37.6930,
48.7496

■ 52.7806, 37.6930,
48.7496

■ 48.7351, 31.6135,
41.1993

■ 57.7006, 45.3293,
57.1830

■ 45.5034, 26.9753,
34.4949

■ 63.5440, 54.6161,
66.5297

■ 43.0215, 23.6556,
28.5993

■ 70.3597, 65.6461,
76.8209

■ 41.2136, 21.5082,
23.4701

■ 78.1920, 78.5037,
88.0855

■ 39.9828, 20.3449,
19.0570

■ 87.0826, 93.2676,
100.3508

■ 39.6911, 20.1065,
17.8959

■ 90.4281, 97.6173,
108.6837

Harmonies

Analogous

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



48.6780, 37.6930, 75.1631



52.7806, 37.6930, 48.7496



51.8591, 37.6930, 27.8547

Triad

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



52.7806, 37.6930, 48.7496



30.8642, 37.6930, 12.4536



27.0519, 37.6930, 83.8632

Complementary

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



52.7806, 37.6930, 48.7496



49.7331, 71.7253, 58.8037

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.



23.4935, 37.6930, 57.8448



52.7806, 37.6930, 48.7496



25.4623, 37.6930, 19.2171

Square

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



52.7806, 37.6930, 48.7496



38.4252, 37.6930, 11.5506



22.9573, 37.6930, 34.1916



33.3469, 37.6930, 99.7854

Rectangle

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



52.7806, 37.6930, 48.7496



48.5630, 37.6930, 19.0247



22.9573, 37.6930, 34.1916



25.5371, 37.6930, 75.6435

Sweetspot

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



52.7817, 37.6948, 48.7503



81.8207, 78.1480, 90.2883



44.2170, 32.4035, 87.9287



17.1208, 16.0856, 18.7534



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.



52.7817, 37.6948, 48.7503



54.8641, 35.5708, 46.3554



48.4850, 36.3764, 24.8903



16.0845, 15.8835, 18.0013



21.3903, 10.8285, 9.9718



1.8294, 0.9208, 1.0925

Inverse Universe

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



52.7817, 37.6948, 48.7503



54.8641, 35.5708, 46.3554



56.1198, 73.3799, 95.2106



16.0845, 15.8835, 18.0013



21.3903, 10.8285, 9.9718



1.8294, 0.9208, 1.0925

Previews

White Background



This preview shows how the XYZ color 52.7806, 37.6930, 48.7496 looks on a white background.

Color Contrast Check

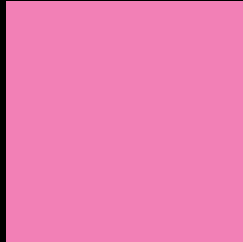
Large Text (above 18pt) WCAG AA × Fail

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 52.7806, 37.6930, 48.7496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

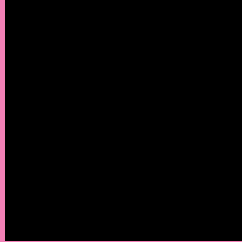
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.7806, 37.6930, 48.7496

Background



This preview shows how black text looks on a background with the XYZ color 52.7806, 37.6930, 48.7496.



This preview shows how white text looks on a background with the XYZ color 52.7806, 37.6930,

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

52.7806, 37.6930, 48.7496

Protanopia

38.1263, 38.0751, 63.7323

Deuteranopia

38.7128, 37.9714, 46.3631



Tritanopia

49.0347, 37.5494, 31.4514

Trichromacy



Original Color

52.7806, 37.6930, 48.7496



Protanomaly

41.6382, 36.7292, 57.7182



Deuteranomaly

42.8707, 37.1268, 47.0261



Tritanomaly

50.0194, 37.3219, 36.9153

Monochromacy



Original Color

52.7806, 37.6930, 48.7496



Achromatopsia

37.2190, 39.1572, 42.6422



Achromatomaly

41.4397, 37.4017, 44.5703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7806, 37.6930, 48.7496 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(242, 128, 182)` looks like.

```
.text, #text, p{  
    color:rgb(242, 128, 182)  
}
```

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(242, 128, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 128, 182) }
```

Border

The CSS property to change the border of an element to XYZ 52.7806, 37.6930, 48.7496 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(242, 128, 182) }
```


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

```
.border{ border-color:rgb(242, 128, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 128, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 128, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 128, 182);  
box-shadow:4px 4px 4px 4px rgb(242, 128,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7806, 37.6930, 48.7496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 128, 182) }
```

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

```
.background{ background-color: rgb(242,  
128, 182) }
```

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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