

Converting Colors

XYZ(52.6792, 38.6087, 46.3742)

Have a look what the booklet for
XYZ(52.6792, 38.6087, 46.3742)
contains.

XYZ(52.5990, 38.6502, 46.2829)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.5990, 38.6502,
46.2829)**

Conversions

Conversions Part 1

Format	Color
Hex	F185B1
RGB	241, 133, 177
RGB Percent	95%, 52%, 69%
CMY	0.0549, 0.4784, 0.3059
CMYK	0.00, 0.45, 0.27, 0.05
HSL	336°, 79%, 73%
HSV	336°, 45%, 95%
XYZ	52.5990, 38.6502, 46.2829
YIQ	170.3080, 50.2440, 36.5800

Conversions

Conversions Part 2

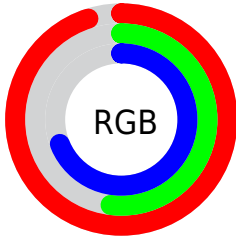
Format	Color
R_{YB}	241, 133, 177
Decimal	15828401
CIE Lab	68.50, 46.29, -4.69
CIE LCh	68, 46.529, 354.211
Yxy	38.6502, 0.3824, 0.2810
Android (android.graphics.Color)	4294018481 (0xFFFF185B1)
YUV	170.3080, 3.2992, 61.9969
Hunter-Lab	62.1693, 42.2256, -0.6209

Details

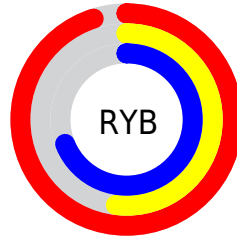
The XYZ color **52.5990, 38.6502, 46.2829** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **51.2081, 71.9294, 64.0119**, and the grayscale version is **38.3298, 40.3259, 43.9149**.

A 20% lighter version of the original color is **73.9312, 63.1096, 85.3756**, and **25.8617, 17.1631, 21.3518** is the 20% darker color. If you saturate the color by 10%, you get **48.3201, 32.2525, 38.1969**, and if you desaturate by 10%, it is **57.7860, 46.6250, 55.4075**.

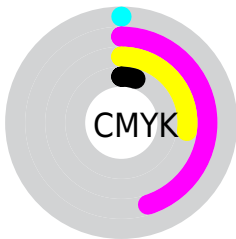
Distribution



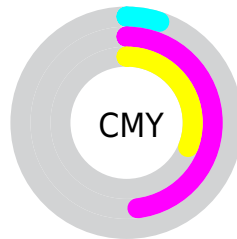
- Red (95%)
- Green (52%)
- Blue (69%)



- Red (95%)
- Yellow (52%)
- Blue (69%)



- Cyan (0%)
- Magenta (45%)
- Yellow (27%)
- Black (5%)





- Cyan (5%)
- Magenta (48%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.5990, 38.6502, 46.2829 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 52.5990, 38.6502, 46.2829 by changing the saturation by 10% instead.


 52.5990, 38.6502,
46.2829

 52.5990, 38.6502,
46.2829


387.0308,
340.4010, 388.2554

 37.7089, 26.4877,
32.1188


 93.1830, 73.1036,
85.9810

 25.9331, 17.1889,
21.1867


 119.6077, 96.1634,
112.3520

 16.9060, 10.3692,
13.0680


 150.6080,
123.6243, 143.6292

 10.2624, 5.6445,
7.3441

186.5493,
155.8709, 180.2310

 5.6369, 2.6301,
3.5965

227.7968,
193.2874, 222.5760

 2.6641, 0.9418,
1.4067

274.7160,

 0.9787, 0.0000,

236.2584, 271.0827

0.1469

327.6722,
285.1681, 326.1697

■ 0.0000, 0.0000,
0.0000

■ 52.5990, 38.6502,
46.2829

■ 52.5990, 38.6502,
46.2829

■ 48.3201, 32.2525,
38.1969

■ 57.7860, 46.6250,
55.4075

■ 44.8890, 27.3194,
31.1056

■ 63.9295, 56.2679,
65.6073

■ 42.2427, 23.7326,
24.9650

■ 71.0786, 67.6696,
76.9196

■ 40.3075, 21.3526,
19.7255

■ 79.2777, 80.9129,
89.3791

■ 38.9937, 20.0083,
15.3308

■ 88.5686, 96.0748,
103.0187

■ 38.4888, 19.5861,
13.3513

■ 90.0858, 97.4408,
108.6677

Harmonies

Analogous

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



49.3810, 38.6502, 70.3420



52.5990, 38.6502, 46.2829



51.1309, 38.6502, 27.6188

Triad

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



52.5990, 38.6502, 46.2829



31.2592, 38.6502, 14.9804



29.1021, 38.6502, 83.9971

Complementary

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



52.5990, 38.6502, 46.2829



51.2081, 71.9294, 64.0119

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.



25.3331, 38.6502, 60.8798



52.5990, 38.6502, 46.2829



26.4578, 38.6502, 22.6333

Square

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



52.5990, 38.6502, 46.2829



38.1743, 38.6502, 13.3642



24.4334, 38.6502, 38.1461



35.3340, 38.6502, 96.2966

Rectangle

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



52.5990, 38.6502, 46.2829



47.7798, 38.6502, 19.7638



24.4334, 38.6502, 38.1461



27.5401, 38.6502, 76.9265

Sweetspot

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



52.6001, 38.6521, 46.2836



82.3681, 79.4416, 89.8586



47.0314, 34.8640, 87.4700



17.2134, 16.3340, 18.5893



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.



52.6001, 38.6521, 46.2836



55.2175, 37.0851, 43.9841



50.1838, 39.7423, 27.2188



16.0397, 15.8656, 17.7653



20.9344, 10.6462, 7.5713



1.7897, 0.9049, 0.8833

Inverse Universe

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



52.6001, 38.6521, 46.2836



55.2175, 37.0851, 43.9841



54.4080, 69.0517, 93.6801



16.0397, 15.8656, 17.7653



20.9344, 10.6462, 7.5713



1.7897, 0.9049, 0.8833

Previews

White Background



This preview shows how the XYZ color 52.5990, 38.6502, 46.2829 looks on a white background.

Color Contrast Check

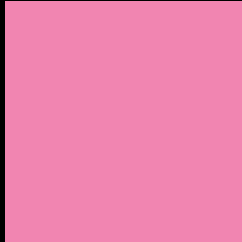
Large Text (above 18pt) WCAG AA × Fail

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 52.5990, 38.6502, 46.2829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

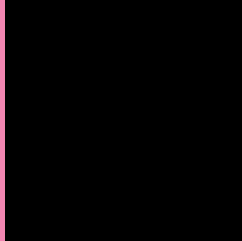
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.5990, 38.6502, 46.2829

Background



This preview shows how black text looks on a background with the XYZ color 52.5990, 38.6502, 46.2829.



This preview shows how white text looks on a background with the XYZ color 52.5990, 38.6502,

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

52.5990, 38.6502, 46.2829

Protanopia

38.5272, 38.9267, 58.9091

Deuteranopia

39.6581, 38.7643, 44.4218



Tritanopia

49.6937, 38.4922, 32.8276

Trichromacy



Original Color

52.5990, 38.6502, 46.2829



Protanomaly

42.0851, 37.7761, 53.7886



Deuteranomaly

43.3352, 37.8857, 45.0731



Tritanomaly

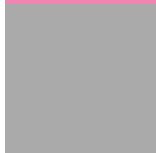
50.6588, 38.4622, 37.5548

Monochromacy



Original Color

52.5990, 38.6502, 46.2829



Achromatopsia

38.2080, 40.1978, 43.7754



Achromatomaly

42.3647, 38.8668, 44.8043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5990, 38.6502, 46.2829 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(241, 133, 177)` looks like.

```
.text, #text, p{  
    color:rgb(241, 133, 177)  
}
```

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(241, 133, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 133, 177) }
```

Border

The CSS property to change the border of an element to XYZ 52.5990, 38.6502, 46.2829 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(241, 133, 177) }
```


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

```
.border{ border-color:rgb(241, 133, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 133, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 133, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 133, 177);  
box-shadow:4px 4px 4px 4px rgb(241, 133,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5990, 38.6502, 46.2829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 133, 177) }
```

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

```
.background{ background-color: rgb(241,  
133, 177) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor