

Converting Colors

XYZ(49.0255, 26.6693, 41.1772)

Have a look what the booklet for
XYZ(49.0255, 26.6693, 41.1772)
contains.

XYZ(49.0086, 26.6618, 41.0913)	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(49.0086, 26.6618,
41.0913)**

Conversions

Conversions Part 1

Format	Color
Hex	FC3AAB
RGB	252, 58, 171
RGB Percent	99%, 23%, 67%
CMY	0.0118, 0.7725, 0.3294
CMYK	0.00, 0.77, 0.32, 0.01
HSL	325°, 97%, 61%
HSV	325°, 77%, 99%
XYZ	49.0086, 26.6618, 41.0913
YIQ	128.8880, 79.3510, 76.2710

Conversions

Conversions Part 2

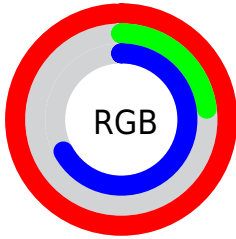
Format	Color
R_{YB}	252, 58, 171
Decimal	16530091
CIE _{Lab}	58.66, 79.13, -15.81
CIE _{LCh}	59, 80.695, 348.704
Yxy	26.6618, 0.4197, 0.2283
Android (android.graphics.Color)	4294720171 (0xFFFC3AAB)
YUV	128.8880, 20.7612, 107.9692
Hunter-Lab	51.6351, 79.0591, -11.0386

Details

The XYZ color **49.0086, 26.6618, 41.0913** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **41.2173, 72.3853, 36.2306**, and the grayscale version is **20.7395, 21.8195, 23.7615**.

A 20% lighter version of the original color is **62.1751, 41.1663, 76.6204**, and **24.5650, 12.2791, 18.5281** is the 20% darker color. If you saturate the color by 10%, you get **47.0707, 24.3277, 35.6922**, and if you desaturate by 10%, it is **51.6488, 30.2724, 47.1188**.

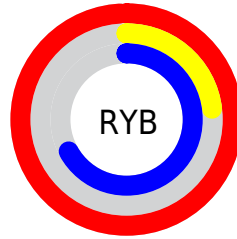
Distribution



Red (99%)

Green (23%)

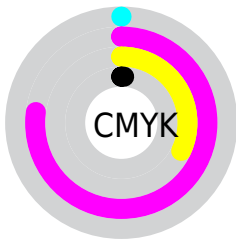
Blue (67%)



Red (99%)

Yellow (23%)

Blue (67%)

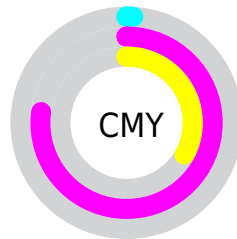


Cyan (0%)

Magenta (77%)

Yellow (32%)

Black (1%)



Cyan (1%)


Magenta (77%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.0086, 26.6618, 41.0913 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 49.0086, 26.6618, 41.0913 by changing the saturation by 10% instead.


 49.0086, 26.6618,
41.0913


 49.0086, 26.6618,
41.0913


373.2926,
286.0159, 366.3900


 34.8409, 17.3194,
28.0702


 87.9049, 54.3407,
78.0776


 23.7063, 10.4625,
18.1391


 113.3641, 73.4459,
102.8800


 15.2394, 5.7067,
10.8794


 143.3179, 96.5743,
132.4464

 9.0750, 2.6675,
5.8727

 178.1316,
124.1101, 167.1956

 4.8476, 0.9607,
2.7003

 218.1706,
156.4378, 207.5460

 2.1920, 0.0000,
0.9436

263.8002,

 0.7385, 0.0000,

193.9417, 253.9162

0.0000

315.3857,
237.0062, 306.7247

■ 0.0000, 0.0000,
0.0000

■ 49.0086, 26.6618,
41.0913

■ 49.0086, 26.6618,
41.0913

■ 47.0707, 24.3277,
35.6922

■ 51.6488, 30.2724,
47.1188

■ 45.7290, 23.0613,
30.8766


■ 55.0707, 35.3158,
53.8095


■ 45.3939, 22.7950,
29.5194

■ 59.3447, 41.9303,
61.1956

■ 64.5327, 50.2364,
69.3059

■ 70.6902, 60.3429,
78.1671

 77.8685, 72.3496,
87.8040

 86.1147, 86.3486,
98.2400

 93.9549, 99.4355,
108.8488

Harmonies

Analogous

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



42.5312, 26.6618, 82.0223



49.0086, 26.6618, 41.0913



48.0258, 26.6618, 14.8063

Triad

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



49.0086, 26.6618, 41.0913



19.7065, 26.6618, 1.9460



14.7276, 26.6618, 92.3998

Complementary

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



49.0086, 26.6618, 41.0913



41.2173, 72.3853, 36.2306

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.



11.2339, 26.6618, 50.2929



49.0086, 26.6618, 41.0913



13.5477, 26.6618, 5.8504

Square

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



49.0086, 26.6618, 41.0913



29.2618, 26.6618, 1.6600



10.8673, 26.6618, 19.5954



21.7875, 26.6618, 122.2237

Rectangle

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



49.0086, 26.6618, 41.0913



43.3189, 26.6618, 6.5252



10.8673, 26.6618, 19.5954



13.1858, 26.6618, 78.2986

Sweetspot

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



49.0094, 26.6632, 41.0918



75.4137, 66.6398, 84.1274



29.7054, 15.5311, 93.5277



15.5947, 13.3533, 17.2585



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.



49.0094, 26.6632, 41.0918



47.5867, 24.2103, 34.0821



42.9007, 24.2198, 8.9240



17.6686, 17.3948, 20.1107



23.7214, 11.9043, 15.7730



2.2499, 1.1237, 1.7392

Inverse Universe

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



49.0094, 26.6632, 41.0918



47.5867, 24.2103, 34.0821



51.6724, 76.5673, 91.2865



17.6686, 17.3948, 20.1107



23.7214, 11.9043, 15.7730



2.2499, 1.1237, 1.7392

Previews

White Background



This preview shows how the XYZ color 49.0086, 26.6618, 41.0913 looks on a white background.

Color Contrast Check

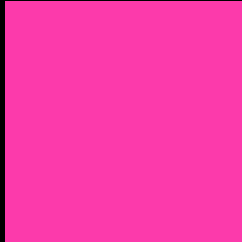
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.0086, 26.6618, 41.0913 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 × Fail

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

XYZ 49.0086, 26.6618, 41.0913

Background



This preview shows how black text looks on a background with the XYZ color 49.0086, 26.6618, 41.0913.

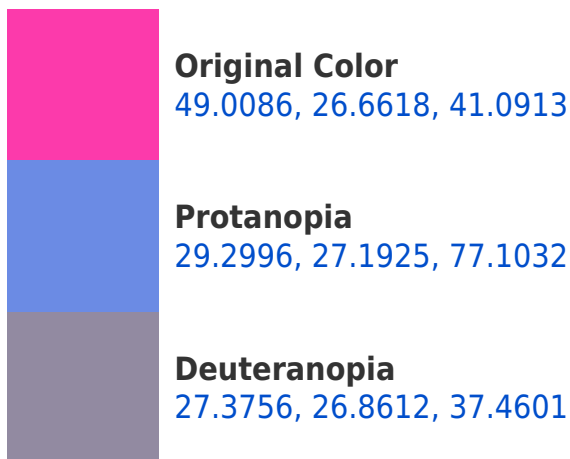


This preview shows how white text looks on a background with the XYZ color 49.0086, 26.6618,

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





Tritanopia

42.9378, 26.6381, 12.1111

Trichromacy



Original Color

49.0086, 26.6618, 41.0913



Protanomaly

31.3356, 23.1304, 61.8445



Deuteranomaly

32.2678, 23.9682, 38.5229



Tritanomaly

44.4975, 26.2966, 19.8700

Monochromacy



Original Color

49.0086, 26.6618, 41.0913



Achromatopsia

20.8660, 21.9526, 23.9064



Achromatomaly

27.3398, 20.7128, 28.9426

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.0086, 26.6618, 41.0913 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(252, 58, 171)` looks like.

```
.text, #text, p{  
    color:rgb(252, 58, 171)  
}
```

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(252, 58, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 58, 171) }
```

Border

The CSS property to change the border of an element to XYZ 49.0086, 26.6618, 41.0913 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(252, 58, 171) }
```


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

```
.border{ border-color:rgb(252, 58, 171) }
```

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

Here you see how a box with a 4 pixel rgb(252, 58, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 58, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 58, 171);  
box-shadow:4px 4px 4px 4px rgb(252, 58,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 49.0086, 26.6618, 41.0913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 58, 171) }
```

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

```
.background{ background-color: rgb(252, 58,  
171) }
```

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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