

Converting Colors

XYZ(66.3254, 53.2156, 78.4927)

Have a look what the booklet for
XYZ(66.3254, 53.2156, 78.4927)
contains.

XYZ(66.2576, 53.0849, 78.7058)	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(66.2576, 53.0849,
78.7058)**

Conversions

Conversions Part 1

Format	Color
Hex	F8A7E2
RGB	248, 167, 226
RGB Percent	97%, 65%, 89%
CMY	0.0274, 0.3451, 0.1137
CMYK	0.00, 0.33, 0.09, 0.03
HSL	316°, 85%, 81%
HSV	316°, 33%, 97%
XYZ	66.2576, 53.0849, 78.7058
YIQ	197.9450, 29.3370, 35.5210

Conversions

Conversions Part 2

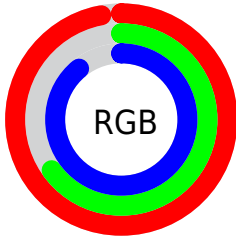
Format	Color
RYB	248, 167, 226
Decimal	16295906
CIELab	77.93, 38.49, -17.55
CIElCh	78, 42.303, 335.485
Yxy	53.0849, 0.3346, 0.2680
Android (android.graphics.Color)	4294485986 (0xFFFF8A7E2)
YUV	197.9450, 13.8311, 43.8982
Hunter-Lab	72.8594, 34.8222, -13.0460

Details

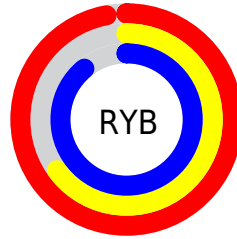
The XYZ color **66.2576, 53.0849, 78.7058** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.6913, 79.0260, 60.3077**, and the grayscale version is **53.5507, 56.3395, 61.3537**.

A 20% lighter version of the original color is **85.6777, 81.2554, 105.7759**, and **34.6032, 25.9221, 41.7077** is the 20% darker color. If you saturate the color by 10%, you get **61.2365, 44.4924, 72.5611**, and if you desaturate by 10%, it is **72.1893, 63.4390, 85.3344**.

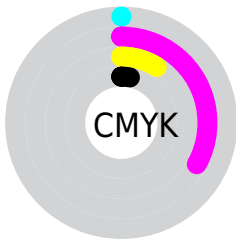
Distribution



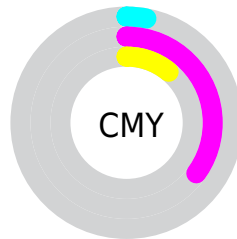
- Red (97%)
- Green (65%)
- Blue (89%)



- Red (97%)
- Yellow (65%)
- Blue (89%)



- Cyan (0%)
- Magenta (33%)
- Yellow (9%)
- Black (3%)





- Cyan (3%)
- Magenta (35%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.2576, 53.0849, 78.7058 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 66.2576, 53.0849, 78.7058 by changing the saturation by 10% instead.


 66.2576, 53.0849,
78.7058


 66.2576, 53.0849,
78.7058


436.7717,
398.6108, 510.1518

 48.7500, 37.8705,
58.1341


 112.9117, 94.7293,
133.3395

 34.6349, 25.8822,
41.5010


 142.7889,
121.9281, 168.2386

 23.5470, 16.7356,
28.3881


177.5200,
153.8905, 208.7505

 15.1208, 10.0461,
18.3769

217.4703,
191.0010, 255.2938

 8.9911, 5.4296,
11.0487

263.0054,
233.6438, 308.2870

 4.7924, 2.5014,
5.9850

314.4904,

 2.1595, 0.8774,

282.2035, 368.1488

2.7673

372.2907,
337.0643, 435.2975

■ 0.7213, 0.0000,
0.9771

■ 0.0000, 0.0000,
0.0000

■ 66.2576, 53.0849,
78.7058

■ 66.2576, 53.0849,
78.7058

■ 61.2365, 44.4924,
72.5611

■ 72.1893, 63.4390,
85.3344

■ 57.0709, 37.5542,
66.8782

■ 79.0733, 75.6396,
92.4609

■ 53.7070, 32.1624,
61.6376

■ 86.9543, 89.7747,
100.1030

■ 51.0825, 28.1935,
56.8165

■ 92.1928, 98.5651,
107.0494

■ 49.1258, 25.5048,
52.3889

■ 92.5218, 98.6967,
108.7817

■ 47.7502, 23.9234,
48.3236

■ 47.0153, 23.2780,
45.5370

Harmonies

Analogous

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



60.2050, 53.0849, 103.0853



66.2576, 53.0849, 78.7058



67.8937, 53.0849, 53.5776

Triad

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



66.2576, 53.0849, 78.7058



48.9587, 53.0849, 23.4195



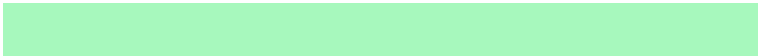
38.6417, 53.0849, 88.2838

Complementary

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



66.2576, 53.0849, 78.7058



58.6913, 79.0260, 60.3077

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.



36.2925, 53.0849, 62.2395



66.2576, 53.0849, 78.7058



41.8200, 53.0849, 28.2061

Square

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



66.2576, 53.0849, 78.7058



57.3068, 53.0849, 25.6064



37.3898, 53.0849, 40.9693



44.1735, 53.0849, 109.5853

Rectangle

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



66.2576, 53.0849, 78.7058



66.1219, 53.0849, 40.4187



37.3898, 53.0849, 40.9693



37.4827, 53.0849, 79.5635

Sweetspot

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



66.2592, 53.0873, 78.7069



86.3526, 84.3576, 100.5982



51.6516, 45.1853, 94.8072



18.2401, 17.6217, 21.2920



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.



66.2592, 53.0873, 78.7069



67.0549, 50.4869, 79.6002



61.3844, 51.1374, 53.0365



17.7801, 17.4394, 20.6975



25.4593, 12.5994, 24.9247



2.4023, 1.1847, 2.5422

Inverse Universe

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



66.2592, 53.0873, 78.7069



67.0549, 50.4869, 79.6002



63.6625, 81.0145, 86.4856



17.7801, 17.4394, 20.6975



25.4593, 12.5994, 24.9247



2.4023, 1.1847, 2.5422

Previews

White Background



This preview shows how the XYZ color 66.2576, 53.0849, 78.7058 looks on a white background.

Color Contrast Check

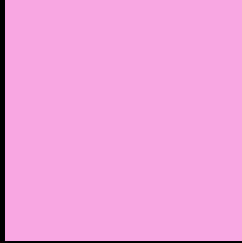
Large Text (above 18pt) WCAG AA × Fail

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 66.2576, 53.0849, 78.7058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

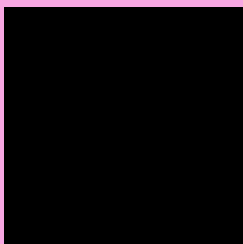
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.2576, 53.0849, 78.7058

Background



This preview shows how black text looks on a background with the XYZ color 66.2576, 53.0849, 78.7058.



This preview shows how white text looks on a background with the XYZ color 66.2576, 53.0849,

78.7058.

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

66.2576, 53.0849, 78.7058

Protanopia

53.4802, 53.3757, 91.4882

Deuteranopia

54.4567, 53.2461, 76.5146



Tritanopia

61.1753, 52.9576, 54.5745

Trichromacy



Original Color

66.2576, 53.0849, 78.7058



Protanomaly

57.0451, 52.4912, 86.4821



Deuteranomaly

57.9594, 52.5692, 76.9041



Tritanomaly

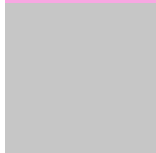
62.8798, 52.8026, 62.7549

Monochromacy



Original Color

66.2576, 53.0849, 78.7058



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

57.4744, 54.6936, 67.2022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2576, 53.0849, 78.7058 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(248, 167, 226)` looks like.

```
.text, #text, p{  
    color:rgb(248, 167, 226)  
}
```

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(248, 167, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 167, 226) }
```

Border

The CSS property to change the border of an element to XYZ 66.2576, 53.0849, 78.7058 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(248, 167, 226) }
```


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

```
.border{ border-color:rgb(248, 167, 226) }
```

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

Here you see how a box with a 4 pixel rgb(248, 167, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 167, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 167, 226);  
box-shadow:4px 4px 4px 4px rgb(248, 167,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2576, 53.0849, 78.7058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 167, 226) }
```

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

```
.background{ background-color: rgb(248,  
167, 226) }
```

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