

# Converting Colors

XYZ(56.4257, 40.8637, 54.2037)

Have a look what the booklet for  
XYZ(56.4257, 40.8637, 54.2037)  
contains.

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# Color

**XYZ(56.4257, 40.8637,  
54.2037)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F787BF
RGB	247, 135, 191
RGB Percent	97%, 53%, 75%
CMY	0.0314, 0.4706, 0.2510
CMYK	0.00, 0.45, 0.23, 0.03
HSL	330°, 88%, 75%
HSV	330°, 45%, 97%
XYZ	56.4257, 40.8637, 54.2037
YIQ	174.8720, 48.7760, 41.1600

# Conversions

## Conversions Part 2

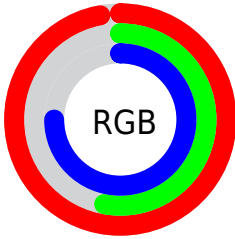
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	247, 135, 191
Decimal	16222143
CIE <sub>Lab</sub>	70.08, 49.19, -10.09
CIE <sub>LCh</sub>	70, 50.215, 348.403
Yxy	40.8637, 0.3725, 0.2697
Android (android.graphics.Color)	4294412223 (0xFFFF787BF)
YUV	174.8720, 7.9511, 63.2563
Hunter-Lab	63.9247, 45.6919, -5.5265

# Details

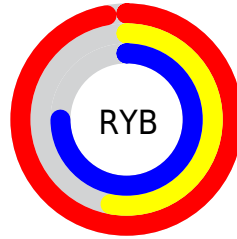
The XYZ color **56.4257, 40.8637, 54.2037** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **52.6583, 75.4351, 61.0789**, and the grayscale version is **40.6251, 42.7408, 46.5447**.

A 20% lighter version of the original color is **76.6593, 65.2370, 96.5473**, and **28.2689, 18.4112, 26.1085** is the 20% darker color. If you saturate the color by 10%, you get **52.0683, 34.2329, 46.3258**, and if you desaturate by 10%, it is **61.6994, 49.1429, 62.9533**.

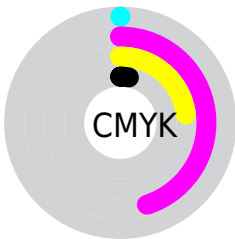
# Distribution



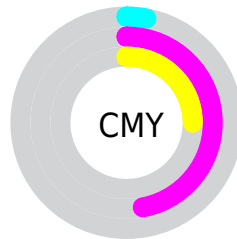
- Red (97%)
- Green (53%)
- Blue (75%)



- Red (97%)
- Yellow (53%)
- Blue (75%)



- Cyan (0%)
- Magenta (45%)
- Yellow (23%)
- Black (3%)



- Cyan (3%)
- Magenta (47%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4257, 40.8637, 54.2037 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 56.4257, 40.8637, 54.2037 by changing the saturation by 10% instead.





 56.4257, 40.8637,  
54.2037


 56.4257, 40.8637,  
54.2037


401.3429,  
349.7506, 420.0829


 40.7827, 28.2126,  
38.3703


 98.7629, 76.4769,  
97.8327

 28.3362, 18.4860,  
25.9661

 126.1878,  
100.2079, 126.4653

 18.7210, 11.2995,  
16.5728


 158.2708,  
128.4009, 160.2014

 11.5717, 6.2686,  
9.7716

195.3770,  
161.4403, 199.4595

 6.5228, 3.0091,  
5.1442

237.8720,  
199.7106, 244.6582

 3.2092, 1.1365,  
2.2719

286.1211,

 1.2653, 0.0089,

243.5962, 296.2159

0.7154

340.4896,  
293.4814, 354.5513

■ 0.1570, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 56.4257, 40.8637,  
54.2037

■ 56.4257, 40.8637,  
54.2037

■ 52.0683, 34.2329,  
46.3258

■ 61.6994, 49.1429,  
62.9533

■ 48.5648, 29.1313,  
39.2839

■ 67.9392, 59.1669,  
72.6035

■ 45.8502, 25.4331,  
33.0420

■ 75.1955, 71.0320,  
83.1845

■ 43.8474, 22.9895,  
27.5597

■ 83.5140, 84.8252,  
94.7238

■ 42.4624, 21.6169,  
22.7897

■ 91.8084, 98.3704,  
106.8717

■ 41.9641, 21.2167,  
20.7849

■ 92.1679, 98.5142,  
108.7651

# Harmonies

## Analogous

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



51.8665, 40.8637, 81.7152



56.4257, 40.8637, 54.2037



55.8064, 40.8637, 31.7044

# Triad

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



56.4257, 40.8637, 54.2037



34.0709, 40.8637, 13.9261



29.2831, 40.8637, 87.5343

# Complementary

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



56.4257, 40.8637, 54.2037



52.6583, 75.4351, 61.0789

# 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.



25.7160, 40.8637, 60.3288



56.4257, 40.8637, 54.2037



28.2001, 40.8637, 20.7415

# Square

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



56.4257, 40.8637, 54.2037



42.0967, 40.8637, 13.2961



25.3497, 40.8637, 36.0185



35.7552, 40.8637, 105.0171



# Rectangle

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



56.4257, 40.8637, 54.2037



52.5545, 40.8637, 21.9223



25.3497, 40.8637, 36.0185



27.7462, 40.8637, 78.8578

# Sweetspot

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



56.4269, 40.8657, 54.2045



81.9577, 78.2029, 91.0101



46.9402, 35.1221, 92.3013



17.1541, 16.0990, 18.9289



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.



56.4269, 40.8657, 54.2045



56.5148, 37.6040, 50.8157



51.3965, 38.8535, 27.7147



16.8447, 16.6207, 18.9287



22.2651, 11.2495, 11.3701



2.0087, 1.0095, 1.2725



# Inverse Universe

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



56.4269, 40.8657, 54.2045



56.5148, 37.6040, 50.8157



60.0422, 78.3887, 99.9620



16.8447, 16.6207, 18.9287



22.2651, 11.2495, 11.3701



2.0087, 1.0095, 1.2725



# Previews

## White Background



This preview shows how the XYZ color 56.4257, 40.8637, 54.2037 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

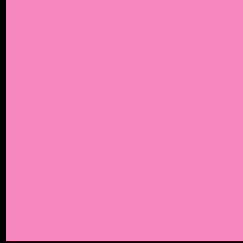
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 56.4257, 40.8637, 54.2037 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 56.4257, 40.8637, 54.2037**

## **Background**



This preview shows how black text looks on a background with the XYZ color 56.4257, 40.8637, 54.2037.



This preview shows how white text looks on a background with the XYZ color 56.4257, 40.8637,



# 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

56.4257, 40.8637, 54.2037

### Protanopia

41.2103, 41.1816, 69.3951

### Deuteranopia

41.9730, 41.1277, 52.1806



## Tritanopia

52.3849, 40.7006, 35.2320

# Trichromacy



## Original Color

56.4257, 40.8637, 54.2037



## Protanomaly

44.9358, 39.7766, 63.7018



## Deuteranomaly

46.2520, 40.1953, 52.8977



## Tritanomaly

53.5159, 40.4884, 41.5537

# Monochromacy



## Original Color

56.4257, 40.8637, 54.2037



## Achromatopsia

40.7470, 42.8690, 46.6844



## Achromatomaly

44.9987, 40.8953, 49.2380

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 56.4257, 40.8637, 54.2037 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(247, 135, 191)` looks like.

```
.text, #text, p{  
    color:rgb(247, 135, 191)  
}
```

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(247, 135, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 135, 191) }
```

## Border

The CSS property to change the border of an element to XYZ 56.4257, 40.8637, 54.2037 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(247, 135, 191) }
```



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

```
.border{ border-color:rgb(247, 135, 191) }
```

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

Here you see how a box with a 4 pixel rgb(247, 135, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 135, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 135, 191);  
box-shadow:4px 4px 4px 4px rgb(247, 135,  
191) }
```

# Background

The CSS property to change the background color of an element to XYZ 56.4257, 40.8637, 54.2037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 135, 191) }
```

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

```
.background{ background-color: rgb(247,  
135, 191) }
```

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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