

Converting Colors

XYZ(60.1370, 37.1401, 40.4806)

Have a look what the booklet for
XYZ(60.1370, 37.1401, 40.4806)
contains.

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Color

**XYZ(52.8687, 33.3574,
40.2113)**

Conversions

Conversions Part 1

Format	Color
Hex	FF65A7
RGB	255, 101, 167
RGB Percent	100%, 40%, 65%
CMY	0.0000, 0.6039, 0.3451
CMYK	0.00, 0.60, 0.35, 0.00
HSL	334°, 100%, 70%
HSV	334°, 60%, 100%
XYZ	52.8687, 33.3574, 40.2113
YIQ	154.5700, 70.5980, 53.1740

Conversions

Conversions Part 2

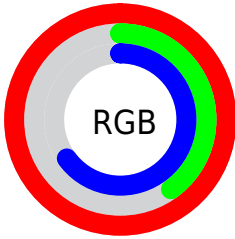
Format	Color
R _Y B	255, 101, 167
Decimal	16737703
CIE Lab	64.45, 64.44, -4.79
CIE LCh	64, 64.617, 355.753
Yxy	33.3574, 0.4181, 0.2638
Android (android.graphics.Color)	4294927783 (0xFFFF65A7)
YUV	154.5700, 6.1280, 88.0771
Hunter-Lab	57.7559, 62.3230, -0.8503

Details

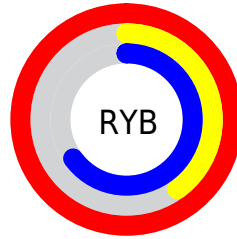
The XYZ color **52.8687, 33.3574, 40.2113** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **50.3140, 77.9617, 60.5452**, and the grayscale version is **30.9193, 32.5295, 35.4247**.

A 20% lighter version of the original color is **66.6517, 50.9876, 75.4359**, and **26.0682, 14.1582, 17.5785** is the 20% darker color. If you saturate the color by 10%, you get **49.4934, 28.6425, 32.8100**, and if you desaturate by 10%, it is **57.1655, 39.6720, 48.6693**.

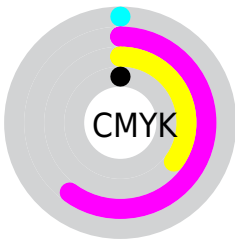
Distribution



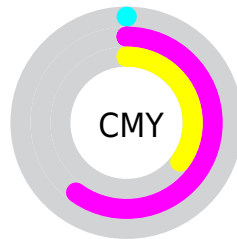
- Red (100%)
- Green (40%)
- Blue (65%)



- Red (100%)
- Yellow (40%)
- Blue (65%)



- Cyan (0%)
- Magenta (60%)
- Yellow (35%)
- Black (0%)





- Cyan (0%)
- Magenta (60%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.8687, 33.3574, 40.2113 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 52.8687, 33.3574, 40.2113 by changing the saturation by 10% instead.


 52.8687, 33.3574,
40.2113


 52.8687, 33.3574,
40.2113


388.0503,
317.2571, 362.5919


 37.9250, 22.4004,
27.3883


 93.5778, 64.9331,
76.7258


 26.1015, 14.1514,
17.6300

 120.0739, 86.3206,
101.2543

 17.0326, 8.2260,
10.5180


 151.1516,
111.9537, 130.5218

 10.3532, 4.2399,
5.6337

 187.1761,
142.2168, 164.9467

 5.6978, 1.8087,
2.5585

228.5129,
177.4943, 204.9477

 2.7011, 0.4926,
0.8709

275.5273,

 0.9978, 0.0000,

218.1706, 250.9431

0.0000

328.5846,
264.6301, 303.3517

■ 0.0000, 0.0000,
0.0000

■ 52.8687, 33.3574,
40.2113

■ 52.8687, 33.3574,
40.2113

■ 49.4934, 28.6425,
32.8100

■ 57.1655, 39.6720,
48.6693

■ 46.9580, 25.3728,
26.4127

■ 62.4500, 47.7115,
58.2288

■ 45.1702, 23.3716,
20.9627

■ 68.7853, 57.5947,
68.9337

■ 44.0153, 22.3701,
16.5446

■ 76.2282, 69.4282,
80.8246

■ 84.8312, 83.3103,
93.9396

94.6436, 99.3329,
108.3154

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



48.7288, 33.3574, 73.0306



52.8687, 33.3574, 40.2113



50.4981, 33.3574, 18.4287

Triad

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



52.8687, 33.3574, 40.2113



24.6110, 33.3574, 7.1017



22.7401, 33.3574, 96.5117

Complementary

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



52.8687, 33.3574, 40.2113



50.3140, 77.9617, 60.5452

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.



18.2709, 33.3574, 63.1404



52.8687, 33.3574, 40.2113



19.1951, 33.3574, 14.5889

Square

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



52.8687, 33.3574, 40.2113



33.0361, 33.3574, 5.5750



17.1110, 33.3574, 32.6892



30.4105, 33.3574, 114.1008

Rectangle

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



52.8687, 33.3574, 40.2113



45.7500, 33.3574, 10.7435



17.1110, 33.3574, 32.6892



20.8764, 33.3574, 86.1657

Sweetspot

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



52.8696, 33.3591, 40.2119



78.1758, 72.5543, 83.8446



43.5103, 27.2549, 97.5752



16.2269, 14.7178, 17.1607



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.



52.8696, 33.3591, 40.2119



49.0302, 28.0221, 31.7127



49.3039, 33.6288, 16.2066



18.3325, 18.1163, 20.3680



23.0702, 11.7174, 9.0201



2.2997, 1.1622, 1.1595

Inverse Universe

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



52.8696, 33.3591, 40.2119



49.0302, 28.0221, 31.7127



55.9898, 75.1311, 106.1585



18.3325, 18.1163, 20.3680



23.0702, 11.7174, 9.0201



2.2997, 1.1622, 1.1595

Previews

White Background



This preview shows how the XYZ color 52.8687, 33.3574, 40.2113 looks on a white background.

Color Contrast Check

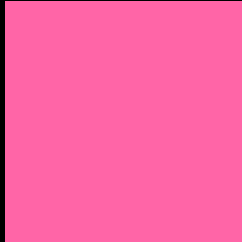
Large Text (above 18pt) WCAG AA × Fail

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 52.8687, 33.3574, 40.2113 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 52.8687, 33.3574, 40.2113

Background



This preview shows how black text looks on a background with the XYZ color 52.8687, 33.3574, 40.2113.



This preview shows how white text looks on a background with the XYZ color 52.8687, 33.3574,

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

52.8687, 33.3574, 40.2113

Protanopia

33.8836, 33.6362, 60.5837

Deuteranopia

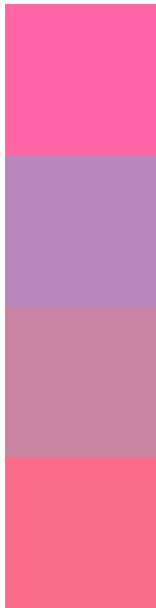
34.0638, 33.5057, 37.4728



Tritanopia

48.7979, 33.2100, 21.2910

Trichromacy



Original Color

52.8687, 33.3574, 40.2113

Protanomaly

37.6164, 31.1924, 52.1822

Deuteranomaly

38.9965, 31.8012, 38.2653

Tritanomaly

49.8465, 32.9884, 27.0328

Monochromacy



Original Color

52.8687, 33.3574, 40.2113

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

36.4078, 30.9075, 36.8477

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8687, 33.3574, 40.2113 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(255, 101, 167)` looks like.

```
.text, #text, p{  
    color:rgb(255, 101, 167)  
}
```

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(255, 101, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 101, 167) }
```

Border

The CSS property to change the border of an element to XYZ 52.8687, 33.3574, 40.2113 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(255, 101, 167) }
```


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

```
.border{ border-color:rgb(255, 101, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 101, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 101, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 101, 167);  
box-shadow:4px 4px 4px 4px rgb(255, 101,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8687, 33.3574, 40.2113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 101, 167) }
```

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

```
.background{ background-color: rgb(255,  
101, 167) }
```

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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