

Converting Colors

XYZ(53.9441, 34.7539, 42.8947)

Have a look what the booklet for
XYZ(53.9441, 34.7539, 42.8947)
contains.

XYZ(53.9441, 34.7539, 42.8947)	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(53.9441, 34.7539,
42.8947)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6BAC
RGB	255, 107, 172
RGB Percent	100%, 42%, 67%
CMY	0.0000, 0.5804, 0.3255
CMYK	0.00, 0.58, 0.33, 0.00
HSL	334°, 100%, 71%
HSV	334°, 58%, 100%
XYZ	53.9441, 34.7539, 42.8947
YIQ	158.6620, 67.3430, 51.5910

Conversions

Conversions Part 2

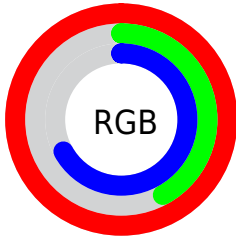
Format	Color
R_{YB}	255, 107, 172
Decimal	16739244
CIE _{Lab}	65.56, 62.44, -6.00
CIE _{LCh}	66, 62.723, 354.511
Yxy	34.7539, 0.4099, 0.2641
Android (android.graphics.Color)	4294929324 (0xFFFF6BAC)
YUV	158.6620, 6.5756, 84.4884
Hunter-Lab	58.9524, 60.1687, -1.8736

Details

The XYZ color **53.9441, 34.7539, 42.8947** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **51.1194, 78.3643, 61.1510**, and the grayscale version is **32.7511, 34.4567, 37.5233**.

A 20% lighter version of the original color is **68.3806, 53.3570, 79.3679**, and **26.6548, 14.8584, 19.2324** is the 20% darker color. If you saturate the color by 10%, you get **50.3660, 29.6789, 35.2862**, and if you desaturate by 10%, it is **58.4554, 41.4587, 51.5442**.

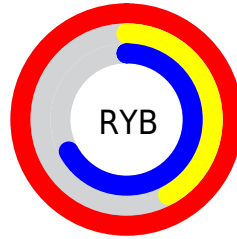
Distribution



Red (100%)

Green (42%)

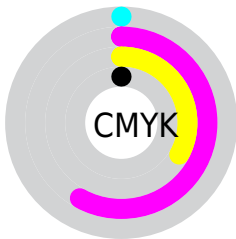
Blue (67%)



Red (100%)

Yellow (42%)

Blue (67%)

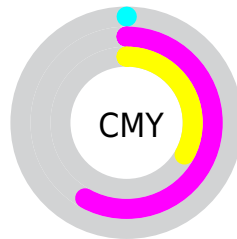


Cyan (0%)

Magenta (58%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (58%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9441, 34.7539, 42.8947 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 53.9441, 34.7539, 42.8947 by changing the saturation by 10% instead.


 53.9441, 34.7539,
42.8947


 53.9441, 34.7539,
42.8947

392.0986,
323.4807, 374.0870


 38.7875, 23.4734,
29.4717


 95.1495, 67.1043,
80.8366

 26.7744, 14.9434,
19.1893

 121.9291, 88.9430,
106.1926

 17.5396, 8.7797,
11.6290


 153.3136,
115.0699, 136.3633

 10.7176, 4.5978,
6.3721

 189.6684,
145.8694, 171.7673

 5.9432, 2.0132,
3.0002

231.3590,
181.7258, 212.8231

 2.8509, 0.6152,
1.0947

278.7507,

 1.0754, 0.0000,

223.0235, 259.9494

0.0000

332.2088,
270.1471, 313.5645

■ 0.0044, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9441, 34.7539,
42.8947

■ 53.9441, 34.7539,
42.8947

■ 50.3660, 29.6789,
35.2862

■ 58.4554, 41.4587,
51.5442

■ 47.6427, 26.0844,
28.6687

■ 63.9642, 49.9148,
61.2772

■ 45.6861, 23.8020,
22.9889

■ 70.5319, 60.2383,
72.1355

■ 44.3771, 22.6018,
18.1816

■ 78.2141, 72.5335,
84.1577

■ 44.1639, 22.4296,
17.3270

■ 87.0621, 86.8971,
97.3804

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.



49.6222, 34.7539, 75.5096



53.9441, 34.7539, 42.8947



51.8739, 34.7539, 20.4807

Triad

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



53.9441, 34.7539, 42.8947



26.2267, 34.7539, 7.9362



23.7941, 34.7539, 95.8605

Complementary

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



53.9441, 34.7539, 42.8947



51.1194, 78.3643, 61.1510

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.



19.4149, 34.7539, 62.9769



53.9441, 34.7539, 42.8947



20.6260, 34.7539, 15.3987

Square

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



53.9441, 34.7539, 42.8947



34.7529, 34.7539, 6.5034



18.3730, 34.7539, 33.2009



31.3699, 34.7539, 113.9417

Rectangle

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



53.9441, 34.7539, 42.8947



47.3140, 34.7539, 12.2852



18.3730, 34.7539, 33.2009



21.9598, 34.7539, 85.5995

Sweetspot

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



53.9450, 34.7556, 42.8953



79.0758, 73.9241, 85.4713



44.1471, 28.4798, 97.7781



16.5703, 15.2500, 17.7517



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.



53.9450, 34.7556, 42.8953



49.7662, 28.8609, 33.9099



49.9577, 34.4485, 17.9283



18.3407, 18.1196, 20.4114



23.1486, 11.7487, 9.4331



2.3077, 1.1654, 1.2017

Inverse Universe

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



53.9450, 34.7556, 42.8953



49.7662, 28.8609, 33.9099



57.5590, 77.2356, 106.4820



18.3407, 18.1196, 20.4114



23.1486, 11.7487, 9.4331



2.3077, 1.1654, 1.2017

Previews

White Background



This preview shows how the XYZ color 53.9441, 34.7539, 42.8947 looks on a white background.

Color Contrast Check

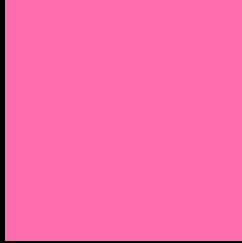
Large Text (above 18pt) WCAG AA × Fail

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 53.9441, 34.7539, 42.8947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

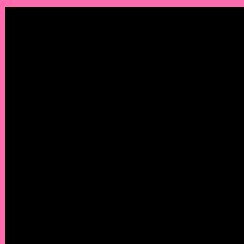
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.9441, 34.7539, 42.8947

Background



This preview shows how black text looks on a background with the XYZ color 53.9441, 34.7539, 42.8947.



This preview shows how white text looks on a background with the XYZ color 53.9441, 34.7539,

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

53.9441, 34.7539, 42.8947

Protanopia

35.2789, 35.0645, 62.6663

Deuteranopia

35.7465, 35.0435, 40.4773



Tritanopia

49.8466, 34.7125, 23.4750

Trichromacy



Original Color

53.9441, 34.7539, 42.8947



Protanomaly

39.1080, 32.7546, 54.7131



Deuteranomaly

40.7850, 33.7006, 41.4011



Tritanomaly

50.9325, 34.4587, 29.5579

Monochromacy



Original Color

53.9441, 34.7539, 42.8947



Achromatopsia

32.9542, 34.6704, 37.7561



Achromatomaly

38.3271, 32.9058, 39.4534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9441, 34.7539, 42.8947 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, 107, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 107, 172)  
}
```

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, 107, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 107, 172) }
```

Border

The CSS property to change the border of an element to XYZ 53.9441, 34.7539, 42.8947 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, 107, 172) }
```


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

```
.border{ border-color:rgb(255, 107, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 107, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 107, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 107, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 107,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9441, 34.7539, 42.8947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 107, 172) }
```

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

```
.background{ background-color: rgb(255,  
107, 172) }
```

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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