

# Converting Colors

XYZ(53.1617, 42.1735, 38.8567)

Have a look what the booklet for  
XYZ(53.1617, 42.1735, 38.8567)  
contains.

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# Color

**XYZ(53.1424, 42.1414,  
39.0514)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F193A1
RGB	241, 147, 161
RGB Percent	95%, 58%, 63%
CMY	0.0549, 0.4235, 0.3686
CMYK	0.00, 0.39, 0.33, 0.05
HSL	351°, 77%, 76%
HSV	351°, 39%, 95%
XYZ	53.1424, 42.1414, 39.0514
YIQ	176.7020, 51.5300, 24.2820

# Conversions

## Conversions Part 2

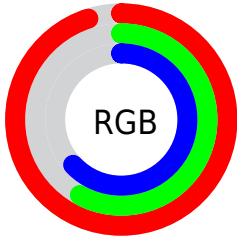
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	241, 147, 161
Decimal	15831969
CIE Lab	70.97, 37.05, 7.85
CIE LCh	71, 37.870, 11.959
Yxy	42.1414, 0.3956, 0.3137
Android (android.graphics.Color)	4294022049 (0xFFFF193A1)
YUV	176.7020, -7.7411, 56.3893
Hunter-Lab	64.9164, 32.5214, 9.7747

# Details

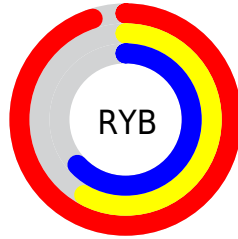
The XYZ color **53.1424, 42.1414, 39.0514** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **57.3550, 74.6607, 84.0651**, and the grayscale version is **41.6551, 43.8244, 47.7248**.

A 20% lighter version of the original color is **74.7552, 68.4589, 74.2396**, and **26.4351, 19.3775, 17.0988** is the 20% darker color. If you saturate the color by 10%, you get **48.1168, 34.7514, 29.1722**, and if you desaturate by 10%, it is **59.2519, 51.2241, 50.7568**.

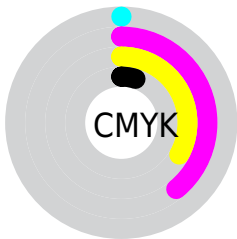
# Distribution



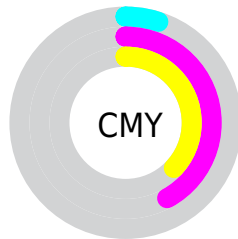
- Red (95%)
- Green (58%)
- Blue (63%)



- Red (95%)
- Yellow (58%)
- Blue (63%)



- Cyan (0%)
- Magenta (39%)
- Yellow (33%)
- Black (5%)




- Cyan (5%)
- Magenta (42%)
- Yellow (37%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 53.1424, 42.1414, 39.0514 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 53.1424, 42.1414, 39.0514 by changing the saturation by 10% instead.




 53.1424, 42.1414,  
39.0514


 53.1424, 42.1414,  
39.0514


389.0831,  
355.0688, 357.5415

 38.1444, 29.2120,  
26.4916

 93.9782, 78.4136,  
74.9380

 26.2725, 19.2413,  
16.9627

 120.5466,  
102.5252, 99.1019

 17.1614, 11.8447,  
10.0462


151.7027,  
131.1330, 127.9709

 10.4456, 6.6381,  
5.3236

187.8115,  
164.6214, 161.9636

 5.7599, 3.2368,  
2.3763

229.2387,  
203.3748, 201.4984

 2.7389, 1.2566,  
0.7735

276.3494,

 1.0172, 0.1072,

247.7775, 246.9940

0.0000

329.5091,  
298.2140, 298.8688

■ 0.0000, 0.0000,  
0.0000

■ 53.1424, 42.1414,  
39.0514

■ 53.1424, 42.1414,  
39.0514

■ 48.1168, 34.7514,  
29.1722

■ 59.2519, 51.2241,  
50.7568

■ 44.1080, 28.9433,  
21.0240

■ 66.5007, 62.0890,  
64.3718

■ 41.0464, 24.6030,  
14.5069

■ 74.9441, 74.8266,  
79.9778

■ 38.8520, 21.5980,  
9.5095

■ 84.6330, 89.5195,  
97.6505

■ 37.4314, 19.7722,  
5.9058

■ 90.0857, 97.4408,  
108.6677

■ 36.6506, 18.8925,  
3.5428

■ 36.5924, 18.8275,  
3.3651

# Harmonies

## Analogous

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



52.7409, 42.1414, 57.5161



53.1424, 42.1414, 39.0514



49.7764, 42.1414, 26.3445

# Triad

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



53.1424, 42.1414, 39.0514



32.4737, 42.1414, 24.5833



36.4110, 42.1414, 87.5155

# Complementary

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



53.1424, 42.1414, 39.0514



57.3550, 74.6607, 84.0651

# 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.



31.6882, 42.1414, 73.2754



53.1424, 42.1414, 39.0514



29.5849, 42.1414, 35.9379

# Square

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



53.1424, 42.1414, 39.0514



37.5911, 42.1414, 19.5847



29.3133, 42.1414, 53.4722



42.6225, 42.1414, 88.9922



# Rectangle

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



53.1424, 42.1414, 39.0514



46.0362, 42.1414, 21.5317



29.3133, 42.1414, 53.4722



34.6141, 42.1414, 83.9181

# Sweetspot

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



53.1435, 42.1435, 39.0522



82.1400, 80.4413, 85.2940



57.9593, 43.5351, 88.5676



17.3071, 16.8037, 17.7505



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.



53.1435, 42.1435, 39.0522



55.6742, 40.9296, 35.1004



57.8446, 53.4114, 34.8670



15.8687, 15.7972, 16.8648



19.8732, 10.2217, 1.9830



1.6822, 0.8619, 0.3176



# Inverse Universe

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



53.1435, 42.1435, 39.0522



55.6742, 40.9296, 35.1004



50.4918, 57.7162, 91.6984



15.8687, 15.7972, 16.8648



19.8732, 10.2217, 1.9830



1.6822, 0.8619, 0.3176



# Previews

## White Background



This preview shows how the XYZ color 53.1424, 42.1414, 39.0514 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

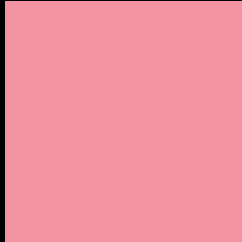
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 53.1424, 42.1414, 39.0514 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 53.1424, 42.1414, 39.0514

## Background



This preview shows how black text looks on a background with the XYZ color 53.1424, 42.1414, 39.0514.



This preview shows how white text looks on a background with the XYZ color 53.1424, 42.1414,



# 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

53.1424, 42.1414, 39.0514

### Protanopia

40.9115, 42.3688, 47.0960

### Deuteranopia

43.1144, 42.3099, 37.7925



## Tritanopia

52.8809, 42.0368, 37.6745

# Trichromacy



## Original Color

53.1424, 42.1414, 39.0514

## Protanomaly

44.4456, 41.7706, 44.2481

## Deuteranomaly

46.1829, 41.7564, 37.9734

## Tritanomaly

52.9674, 42.0714, 38.1298

# Monochromacy



## Original Color

53.1424, 42.1414, 39.0514

## Achromatopsia

41.7894, 43.9657, 47.8787

## Achromatomaly

44.8063, 42.4921, 44.3683

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 53.1424, 42.1414, 39.0514 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(241, 147, 161)` looks like.

```
.text, #text, p{  
    color:rgb(241, 147, 161)  
}
```

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(241, 147, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 147, 161) }
```

## Border

The CSS property to change the border of an element to XYZ 53.1424, 42.1414, 39.0514 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(241, 147, 161) }
```



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

```
.border{ border-color:rgb(241, 147, 161) }
```

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

Here you see how a box with a 4 pixel rgb(241, 147, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 147, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 147, 161);  
box-shadow:4px 4px 4px 4px rgb(241, 147,  
161) }
```

# Background

The CSS property to change the background color of an element to XYZ 53.1424, 42.1414, 39.0514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 147, 161) }
```

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

```
.background{ background-color: rgb(241,  
147, 161) }
```

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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