

Converting Colors

XYZ(53.0861, 38.9421, 26.1914)

Have a look what the booklet for
XYZ(53.0861, 38.9421, 26.1914)
contains.

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Color

**XYZ(53.0861, 38.9421,
26.1914)**

Conversions

Conversions Part 1

Format	Color
Hex	FE8383
RGB	254, 131, 131
RGB Percent	100%, 51%, 51%
CMY	0.0039, 0.4862, 0.4863
CMYK	0.00, 0.48, 0.48, 0.00
HSL	0°, 98%, 75%
HSV	0°, 48%, 100%
XYZ	53.0861, 38.9421, 26.1914
YIQ	167.7770, 73.3080, 26.0760

Conversions

Conversions Part 2

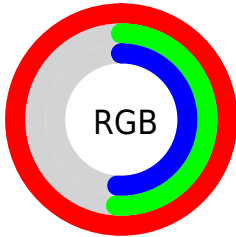
Format	Color
R_{YB}	254, 131, 131
Decimal	16679811
CIE _{Lab}	68.71, 46.64, 21.67
CIE _{LCh}	69, 51.427, 24.918
Yxy	38.9421, 0.4490, 0.3294
Android (android.graphics.Color)	4294869891 (0xFFFE8383)
YUV	167.7770, -18.1311, 75.6176
Hunter-Lab	62.4036, 42.6418, 18.7979

Details

The XYZ color **53.0861, 38.9421, 26.1914** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.6893, 82.8605, 106.4553**, and the grayscale version is **37.1721, 39.1080, 42.5886**.

A 20% lighter version of the original color is **67.4506, 59.8385, 53.3424**, and **26.2397, 17.3954, 9.9573** is the 20% darker color. If you saturate the color by 10%, you get **48.5676, 32.3307, 17.2078**, and if you desaturate by 10%, it is **58.8645, 47.3982, 37.6771**.

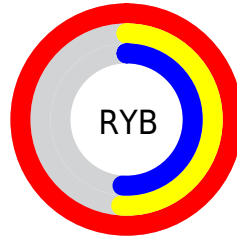
Distribution



Red (100%)

Green (51%)

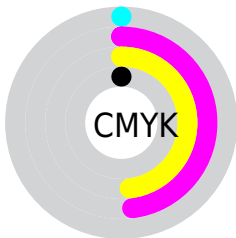
Blue (51%)



Red (100%)

Yellow (51%)

Blue (51%)

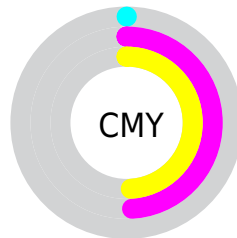


Cyan (0%)

Magenta (48%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0861, 38.9421, 26.1914 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 53.0861, 38.9421, 26.1914 by changing the saturation by 10% instead.


 53.0861, 38.9421,
26.1914


 53.0861, 38.9421,
26.1914


388.8708,
341.6443, 297.3557

 38.0993, 26.7147,
16.7398


 93.8958, 73.5499,
54.5714

 26.2373, 17.3591,
9.8892


 120.4494, 96.6990,
74.3370

 17.1349, 10.4908,
5.2209


 151.5893,
124.2575, 98.3776

 10.4266, 5.7256,
2.3164

187.6809,
156.6098, 127.1118

 5.7471, 2.6789,
0.7404

229.0895,
194.1402, 160.9582

 2.7311, 0.9665,
0.0000

276.1804,

 1.0132, 0.0000,

237.2331, 200.3353

0.0000

329.3191,
286.2730, 245.6616

■ 0.0000, 0.0000,
0.0000

■ 53.0861, 38.9421,
26.1914

■ 53.0861, 38.9421,
26.1914

■ 48.5676, 32.3307,
17.2078

■ 58.8645, 47.3982,
37.6771

■ 45.2125, 27.4211,
10.5383

■ 65.9839, 57.8160,
51.8301

■ 42.9150, 24.0592,
5.9715

■ 74.5222, 70.3099,
68.8039

■ 41.5493, 22.0606,
3.2568

■ 84.5504, 84.9840,
88.7396

■ 40.9385, 21.1667,
2.0428

94.6830, 99.8108,
108.8828

■ 40.8731, 21.0711,
1.9129

Harmonies

Analogous

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



54.8792, 38.9421, 46.4943



53.0861, 38.9421, 26.1914



46.7496, 38.9421, 15.2950

Triad

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



53.0861, 38.9421, 26.1914



25.6334, 38.9421, 21.5162



35.6450, 38.9421, 104.4935

Complementary

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



53.0861, 38.9421, 26.1914



62.6893, 82.8605, 106.4553

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.



28.7324, 38.9421, 90.6310



53.0861, 38.9421, 26.1914



23.5184, 38.9421, 38.5559

Square

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



53.0861, 38.9421, 26.1914



30.8073, 38.9421, 13.3711



24.5641, 38.9421, 64.2104



44.0013, 38.9421, 97.3758

Rectangle

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



53.0861, 38.9421, 26.1914



41.2338, 38.9421, 12.1908



24.5641, 38.9421, 64.2104



33.0911, 38.9421, 102.0195

Sweetspot

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



53.0871, 38.9441, 26.1921



78.4809, 75.7547, 75.9610



66.8788, 44.4594, 98.8224



16.3598, 15.5732, 15.3873



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.



53.0871, 38.9441, 26.1921



49.1680, 32.8615, 17.6890



63.9295, 60.6289, 29.8062



18.0095, 17.9872, 18.6670



21.5489, 11.1090, 1.0085



2.0982, 1.0817, 0.0982

Inverse Universe

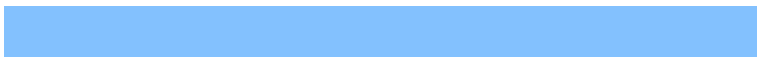
The Inverse Universe completely reimagines the original color for something new.



62.6893, 82.8605, 106.4553



59.8830, 81.8671, 107.2535



46.2093, 49.9006, 100.9620



18.5549, 20.4813, 23.2253



28.1147, 41.1390, 55.8934



2.7375, 4.0056, 5.4422

Previews

White Background



This preview shows how the XYZ color 53.0861, 38.9421, 26.1914 looks on a white background.

Color Contrast Check

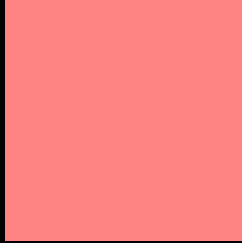
Large Text (above 18pt) WCAG AA × Fail

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 53.0861, 38.9421, 26.1914 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 53.0861, 38.9421, 26.1914

Background



This preview shows how black text looks on a background with the XYZ color 53.0861, 38.9421, 26.1914.



This preview shows how white text looks on a background with the XYZ color 53.0861, 38.9421,

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

53.0861, 38.9421, 26.1914

Protanopia

37.3319, 39.4053, 34.0721

Deuteranopia

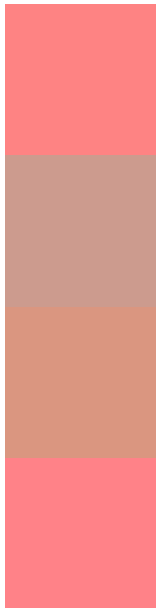
39.7995, 39.0019, 25.1691



Tritanopia

53.8828, 39.0893, 29.1312

Trichromacy



Original Color

53.0861, 38.9421, 26.1914

Protanomaly

41.5057, 38.2331, 30.7833

Deuteranomaly

43.7161, 38.2766, 25.5061

Tritanomaly

53.6666, 39.0028, 27.9923

Monochromacy



Original Color

53.0861, 38.9421, 26.1914

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

41.1909, 37.9514, 36.1647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0861, 38.9421, 26.1914 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(254, 131, 131)` looks like.

```
.text, #text, p{  
    color:rgb(254, 131, 131)  
}
```

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(254, 131, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 131, 131) }
```

Border

The CSS property to change the border of an element to XYZ 53.0861, 38.9421, 26.1914 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(254, 131, 131) }
```


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

```
.border{ border-color:rgb(254, 131, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 131, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 131, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 131, 131);  
box-shadow:4px 4px 4px 4px rgb(254, 131,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0861, 38.9421, 26.1914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 131, 131) }
```

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

```
.background{ background-color: rgb(254,  
131, 131) }
```

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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