

Converting Colors

XYZ(51.7942, 36.7051, 22.9082)

Have a look what the booklet for
XYZ(51.7942, 36.7051, 22.9082)
contains.

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Color

**XYZ(51.7124, 36.5842,
22.7483)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7A7A
RGB	255, 122, 122
RGB Percent	100%, 48%, 48%
CMY	0.0000, 0.5215, 0.5216
CMYK	0.00, 0.52, 0.52, 0.00
HSL	0°, 100%, 74%
HSV	0°, 52%, 100%
XYZ	51.7124, 36.5842, 22.7483
YIQ	161.7670, 79.2680, 28.1960

Conversions

Conversions Part 2

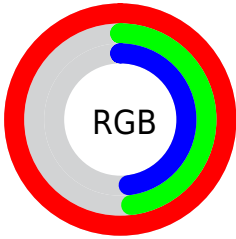
Format	Color
RYB	255, 122, 122
Decimal	16743034
CIELab	66.96, 50.58, 24.37
CIElCh	67, 56.143, 25.721
Yxy	36.5842, 0.4657, 0.3295
Android (android.graphics.Color)	4294933114 (0xFFFF7A7A)
YUV	161.7670, -19.6051, 81.7653
Hunter-Lab	60.4849, 46.7626, 20.0405

Details

The XYZ color **51.7124, 36.5842, 22.7483** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **61.8338, 82.8729, 107.3445**, and the grayscale version is **34.2976, 36.0838, 39.2952**.

A 20% lighter version of the original color is **64.6021, 55.7603, 47.4023**, and **25.2620, 15.9527, 8.0511** is the 20% darker color. If you saturate the color by 10%, you get **47.6038, 30.5727, 14.5798**, and if you desaturate by 10%, it is **57.0584, 44.4077, 33.3746**.

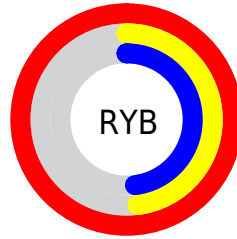
Distribution



Red (100%)

Green (48%)

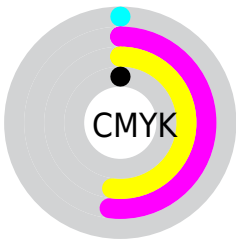
Blue (48%)



Red (100%)

Yellow (48%)

Blue (48%)

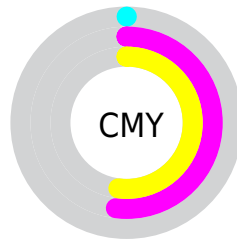


Cyan (0%)

Magenta (52%)

Yellow (52%)

Black (0%)



Cyan (0%)


Magenta (52%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.7124, 36.5842, 22.7483 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 51.7124, 36.5842, 22.7483 by changing the saturation by 10% instead.


 51.7124, 36.5842,
22.7483


 51.7124, 36.5842,
22.7483


383.6675,
331.5068, 279.5095

 36.9992, 24.8857,
14.2042


 91.8837, 69.9328,
48.8976

 25.3806, 15.9919,
8.1225

 118.0725, 92.3517,
67.3400

 16.4911, 9.5184,
4.0845


 148.8173,
119.1129, 89.9188

 9.9653, 5.0809,
1.6718

184.4833,
150.6008, 117.0527

 5.4381, 2.2948,
0.3413

225.4360,
187.1997, 149.1602

 2.5439, 0.7709,
0.0000

272.0407,

 0.9174, 0.0000,

229.2941, 186.6598

0.0000

324.6628,
277.2683, 229.9700

■ 0.0000, 0.0000,
0.0000

■ 51.7124, 36.5842,
22.7483

■ 51.7124, 36.5842,
22.7483

■ 47.6038, 30.5727,
14.5798

■ 57.0584, 44.4077,
33.3746

■ 44.6312, 26.2227,
8.6706

■ 63.7274, 54.1663,
46.6320

■ 42.6813, 23.3694,
4.7947

■ 71.8003, 65.9792,
62.6805

■ 41.6165, 21.8112,
2.6784

■ 81.3509, 79.9545,
81.6668

■ 41.2400, 21.2602,
1.9300

■ 92.4478, 96.1924,
103.7272

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



53.7946, 36.5842, 43.4367



51.7124, 36.5842, 22.7483



44.8360, 36.5842, 12.2876

Triad

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



51.7124, 36.5842, 22.7483



22.9189, 36.5842, 18.8262



33.5646, 36.5842, 107.3036

Complementary

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



51.7124, 36.5842, 22.7483



61.8338, 82.8729, 107.3445

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.



26.3396, 36.5842, 92.5205



51.7124, 36.5842, 22.7483



20.8637, 36.5842, 36.4362

Square

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



51.7124, 36.5842, 22.7483



28.1376, 36.5842, 10.7583



22.0059, 36.5842, 63.8548



42.3753, 36.5842, 98.7943

Rectangle

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



51.7124, 36.5842, 22.7483



38.9699, 36.5842, 9.4764



22.0059, 36.5842, 63.8548



30.8873, 36.5842, 104.7716

Sweetspot

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



51.7133, 36.5861, 22.7489



77.5009, 74.3208, 74.0129



66.2495, 42.3992, 99.2996



16.1668, 15.2909, 15.0038



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.



51.7133, 36.5861, 22.7489



47.3108, 30.1438, 13.9970



62.8431, 58.8457, 26.4589



18.0095, 17.9872, 18.6670



21.5489, 11.1090, 1.0085



2.0982, 1.0817, 0.0982

Inverse Universe

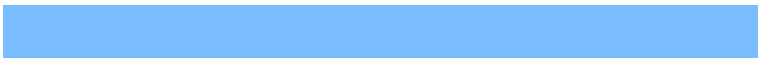
The Inverse Universe completely reimagines the original color for something new.



61.8338, 82.8729, 107.3445



58.4594, 81.1329, 107.1868



44.1664, 47.5382, 101.4554



18.5549, 20.4813, 23.2253



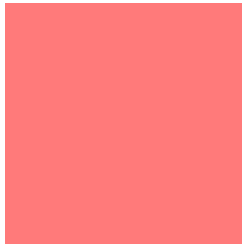
28.1147, 41.1390, 55.8934



2.7375, 4.0056, 5.4422

Previews

White Background



This preview shows how the XYZ color 51.7124, 36.5842, 22.7483 looks on a white background.

Color Contrast Check

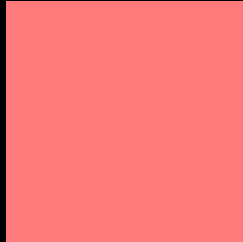
Large Text (above 18pt) WCAG AA × Fail

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 51.7124, 36.5842, 22.7483 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 51.7124, 36.5842, 22.7483

Background



This preview shows how black text looks on a background with the XYZ color 51.7124, 36.5842, 22.7483.



This preview shows how white text looks on a background with the XYZ color 51.7124, 36.5842,

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

51.7124, 36.5842, 22.7483

Protanopia

34.6995, 36.7754, 30.4688

Deuteranopia

37.2890, 36.5072, 21.6043



Tritanopia

52.1066, 36.5465, 25.4269

Trichromacy



Original Color

51.7124, 36.5842, 22.7483

Protanomaly

39.2501, 35.4576, 27.3296

Deuteranomaly

41.5622, 35.8535, 21.8694

Tritanomaly

51.9081, 36.4671, 24.3817

Monochromacy



Original Color

51.7124, 36.5842, 22.7483

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

38.4651, 34.7098, 32.2761

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7124, 36.5842, 22.7483 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, 122, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 122, 122)  
}
```

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, 122, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 122, 122) }
```

Border

The CSS property to change the border of an element to XYZ 51.7124, 36.5842, 22.7483 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, 122, 122) }
```


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

```
.border{ border-color:rgb(255, 122, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 122, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 122, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 122, 122); box-shadow:4px 4px 4px 4px rgb(255, 122, 122) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7124, 36.5842, 22.7483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 122, 122) }
```

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

```
.background{ background-color: rgb(255,  
122, 122) }
```

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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