

Converting Colors

XYZ(52.7448, 38.1021, 24.8244)

Have a look what the booklet for
XYZ(52.7448, 38.1021, 24.8244)
contains.

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Color

**XYZ(52.7257, 37.9973,
24.9773)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF7F80 |
| RGB | 255, 127, 128 |
| RGB Percent | 100%, 50%, 50% |
| CMY | 0.0000, 0.5019, 0.4980 |
| CMYK | 0.00, 0.50, 0.50, 0.00 |
| HSL | 360°, 100%, 75% |
| HSV | 360°, 50%, 100% |
| XYZ | 52.7257, 37.9973, 24.9773 |
| YIQ | 165.3860, 75.9670, 27.4470 |

Conversions

Conversions Part 2

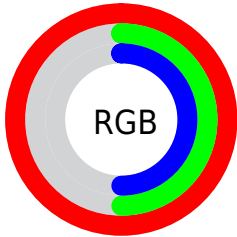
| Format | Color |
|-------------------------------------|--|
| RYB | 255, 127, 128 |
| Decimal | 16744320 |
| CIELab | 68.02, 48.68, 22.43 |
| CIElCh | 68, 53.601, 24.736 |
| Yxy | 37.9973, 0.4557, 0.3284 |
| Android (android.graphics.Color) | 4294934400 (0xFFFF7F80) |
| YUV | 165.3860, -18.4313, 78.5915 |
| Hunter-Lab | 61.6420, 44.8073, 19.1251 |

Details

The XYZ color **52.7257, 37.9973, 24.9773** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.4040, 83.1887, 106.5397**, and the grayscale version is **36.0110, 37.8864, 41.2583**.

A 20% lighter version of the original color is **66.3084, 58.0521, 51.4264**, and **26.0420, 16.7989, 9.2671** is the 20% darker color. If you saturate the color by 10%, you get **48.3762, 31.6395, 16.3102**, and if you desaturate by 10%, it is **58.3256, 46.1916, 36.1102**.

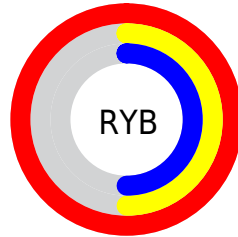
Distribution



Red (100%)

Green (50%)

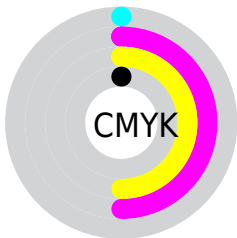
Blue (50%)



Red (100%)

Yellow (50%)

Blue (50%)

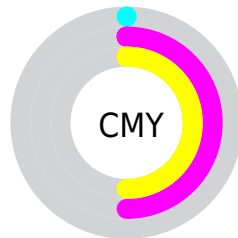


Cyan (0%)

Magenta (50%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (50%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.7257, 37.9973, 24.9773 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 52.7257, 37.9973, 24.9773 by changing the saturation by 10% instead.


 52.7257, 37.9973,
24.9773


 52.7257, 37.9973,
24.9773


387.5100,
337.6084, 291.1689

 37.8104, 25.9806,
15.8413


 93.3685, 72.1040,
52.5841

 26.0121, 16.8091,
9.2588


 119.8268, 94.9628,
71.8919

 16.9655, 10.0985,
4.8112


 150.8635,
122.2044, 95.4274

 10.3050, 5.4643,
2.0801


186.8439,
154.2132, 123.6091

 5.6655, 2.5222,
0.6039

228.1334,
191.3736, 156.8556

 2.6815, 0.8877,
0.0000

275.0973,

 0.9876, 0.0000,

234.0700, 195.5853

0.0000

328.1011,
282.6868, 240.2169

■ 0.0000, 0.0000,
0.0000

■ 52.7257, 37.9973,
24.9773

■ 52.7257, 37.9973,
24.9773

■ 48.3762, 31.6395,
16.3102

■ 58.3256, 46.1916,
36.1102

■ 45.1785, 26.9714,
9.9196

■ 65.2587, 56.3426,
49.8745

■ 43.0243, 23.8336,
5.5927

■ 73.6040, 68.5673,
66.4240

■ 41.7831, 22.0337,
3.0751

■ 83.4335, 82.9718,
85.9000

■ 41.2507, 21.2643,
1.9871

94.8146, 99.6549,
108.4342

95.0499, 100.0000,
108.9000

Harmonies

Analogous

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



54.5529, 37.9973, 45.7309



52.7257, 37.9973, 24.9773



46.1874, 37.9973, 14.0621

Triad

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



52.7257, 37.9973, 24.9773



24.5404, 37.9973, 20.1183



34.6639, 37.9973, 106.0254

Complementary

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



52.7257, 37.9973, 24.9773



62.4040, 83.1887, 106.5397

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.



27.6255, 37.9973, 91.3414



52.7257, 37.9973, 24.9773



22.3847, 37.9973, 37.3004

Square

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



52.7257, 37.9973, 24.9773



29.8122, 37.9973, 12.1082



23.4207, 37.9973, 63.7187



43.2495, 37.9973, 98.6737

Rectangle

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



52.7257, 37.9973, 24.9773



40.5038, 37.9973, 11.0005



23.4207, 37.9973, 63.7187



32.0558, 37.9973, 103.3764

Sweetspot

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



52.7267, 37.9993, 24.9780



78.5189, 75.7691, 76.1640



66.0998, 43.2584, 99.4734



16.3688, 15.5766, 15.4353



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.



52.7267, 37.9993, 24.9780



48.4489, 31.7458, 16.4552



63.2410, 59.1320, 28.1619



18.0151, 17.9894, 18.6969



21.5569, 11.1121, 1.0513



2.1008, 1.0827, 0.1125

Inverse Universe

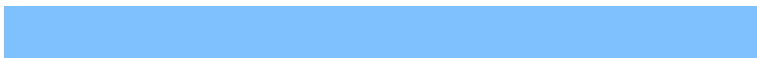
The Inverse Universe completely reimagines the original color for something new.



52.7267, 37.9993, 24.9780



48.4489, 31.7458, 16.4552



45.9038, 49.9332, 101.8262



18.0151, 17.9894, 18.6969



21.5569, 11.1121, 1.0513



2.1008, 1.0827, 0.1125

Previews

White Background



This preview shows how the XYZ color 52.7257, 37.9973, 24.9773 looks on a white background.

Color Contrast Check

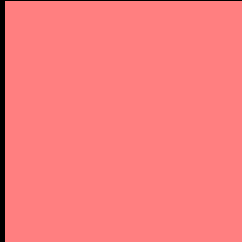
Large Text (above 18pt) WCAG AA × Fail

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 52.7257, 37.9973, 24.9773 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 52.7257, 37.9973, 24.9773

Background



This preview shows how black text looks on a background with the XYZ color 52.7257, 37.9973, 24.9773.



This preview shows how white text looks on a background with the XYZ color 52.7257, 37.9973,

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

52.7257, 37.9973, 24.9773

Protanopia

36.2801, 38.3464, 32.6836

Deuteranopia

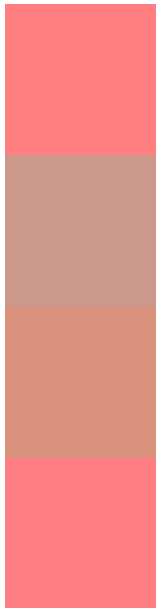
38.6759, 37.9372, 23.6965



Tritanopia

53.0740, 37.9310, 27.4458

Trichromacy



Original Color

52.7257, 37.9973, 24.9773

Protanomaly

40.5170, 37.0171, 29.4356

Deuteranomaly

42.6871, 37.0744, 23.9750

Tritanomaly

52.8657, 37.8477, 26.3488

Monochromacy



Original Color

52.7257, 37.9973, 24.9773

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

40.0228, 36.4060, 34.6234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7257, 37.9973, 24.9773 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, 127, 128)` looks like.

```
.text, #text, p{  
    color:rgb(255, 127, 128)  
}
```

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, 127, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 127, 128) }
```

Border

The CSS property to change the border of an element to XYZ 52.7257, 37.9973, 24.9773 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, 127, 128) }
```


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

```
.border{ border-color:rgb(255, 127, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 127, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 127, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 127, 128);  
box-shadow:4px 4px 4px 4px rgb(255, 127,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7257, 37.9973, 24.9773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 127, 128) }
```

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

```
.background{ background-color: rgb(255,  
127, 128) }
```

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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