

Converting Colors

XYZ(80.2708, 54.7029, 24.2761)

Have a look what the booklet for XYZ(80.2708, 54.7029, 24.2761) contains.

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Color

**XYZ(53.9238, 41.1057,
23.1813)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8B79
RGB	255, 139, 121
RGB Percent	100%, 55%, 47%
CMY	0.0000, 0.4549, 0.5255
CMYK	0.00, 0.45, 0.53, 0.00
HSL	8°, 100%, 74%
HSV	8°, 53%, 100%
XYZ	53.9238, 41.1057, 23.1813
YIQ	171.6320, 74.9140, 18.9940

Conversions

Conversions Part 2

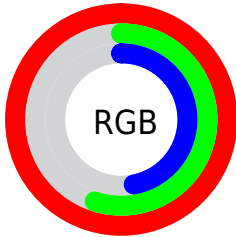
Format	Color
RYB	255, 142, 121
Decimal	16747385
CIELab	70.25, 42.15, 29.28
CIElCh	70, 51.327, 34.787
Yxy	41.1057, 0.4562, 0.3477
Android (android.graphics.Color)	4294937465 (0xFFFF8B79)
YUV	171.6320, -24.9616, 73.1137
Hunter-Lab	64.1137, 37.9310, 23.4424

Details

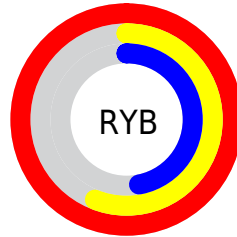
The XYZ color **53.9238, 41.1057, 23.1813** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **56.2175, 71.8496, 105.5127**, and the grayscale version is **39.1234, 41.1609, 44.8242**.

A 20% lighter version of the original color is **68.1718, 62.8996, 48.5922**, and **26.7456, 18.5928, 8.3100** is the 20% darker color. If you saturate the color by 10%, you get **49.6819, 34.8025, 15.0454**, and if you desaturate by 10%, it is **59.2262, 48.8689, 33.7101**.

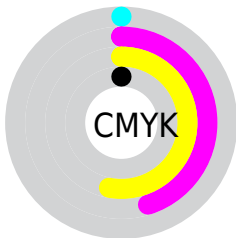
Distribution



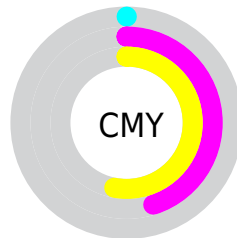
- Red (100%)
- Green (55%)
- Blue (47%)



- Red (100%)
- Yellow (56%)
- Blue (47%)



- Cyan (0%)
- Magenta (45%)
- Yellow (53%)
- Black (0%)





- Cyan (0%)
- Magenta (45%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9238, 41.1057, 23.1813 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 53.9238, 41.1057, 23.1813 by changing the saturation by 10% instead.


 53.9238, 41.1057,
23.1813


 53.9238, 41.1057,
23.1813


392.0225,
350.7622, 281.8069

 38.7712, 28.4017,
14.5209


 95.1199, 76.8443,
49.6178

 26.7617, 18.6287,
8.3410

 121.8941,
100.6477, 68.2310

 17.5300, 11.4023,
4.2230


 153.2728,
128.9197, 90.9988

 10.7107, 6.3381,
1.7485

189.6215,
162.0447, 118.3399

 5.9385, 3.0517,
0.3936

231.3054,
200.4070, 150.6726

 2.8480, 1.1588,
0.0000

278.6900,

 1.0739, 0.0277,

244.3911, 188.4157

0.0000

332.1406,
294.3814, 231.9876

■ 0.0031, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9238, 41.1057,
23.1813

■ 53.9238, 41.1057,
23.1813

■ 49.6819, 34.8025,
15.0454

■ 59.2262, 48.8689,
33.7101

■ 46.4250, 29.8615,
9.1116

■ 65.6517, 58.1692,
46.7979

■ 44.0725, 26.1828,
5.1635

■ 73.2612, 69.0858,
62.5985

■ 42.5288, 23.6497,
2.9395

■ 82.1108, 81.6907,
81.2530

■ 41.8195, 22.4192,
2.1232

■ 92.2525, 96.0514,
102.8926

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



57.5159, 41.1057, 41.0001



53.9238, 41.1057, 23.1813



46.3765, 41.1057, 14.5583

Triad

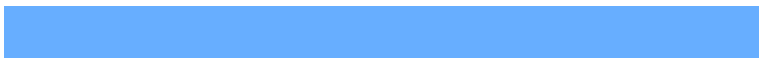
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.9238, 41.1057, 23.1813



26.1818, 41.1057, 27.7753



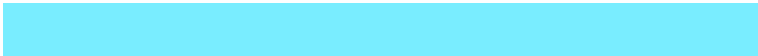
40.4357, 41.1057, 108.6462

Complementary

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



53.9238, 41.1057, 23.1813



56.2175, 71.8496, 105.5127

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.



32.5738, 41.1057, 101.1429



53.9238, 41.1057, 23.1813



25.0608, 41.1057, 48.7370

Square

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



53.9238, 41.1057, 23.1813



30.5455, 41.1057, 16.4651



27.2296, 41.1057, 76.7464



49.0484, 41.1057, 94.6281

Rectangle

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



53.9238, 41.1057, 23.1813



40.5586, 41.1057, 12.6506



27.2296, 41.1057, 76.7464



37.6177, 41.1057, 108.5919

Sweetspot

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



53.9248, 41.1078, 23.1821



78.9131, 77.1452, 74.4837



63.3829, 41.0572, 84.8070



16.4979, 15.9530, 15.1142



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.



53.9248, 41.1078, 23.1821



49.5143, 34.5508, 14.7315



66.7304, 66.7190, 27.4506



18.2061, 18.3804, 18.7325



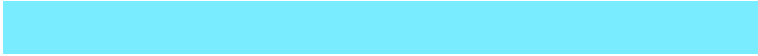
21.9116, 11.8344, 1.1294



2.1911, 1.2676, 0.1292

Inverse Universe

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



56.2175, 71.8496, 105.5127



51.9579, 68.1299, 105.0197



40.3351, 40.0847, 100.2186



18.3344, 20.0405, 23.1518



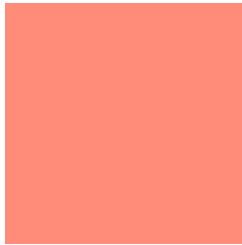
22.9862, 30.8819, 54.1839



2.2932, 3.1172, 5.2941

Previews

White Background



This preview shows how the XYZ color 53.9238, 41.1057, 23.1813 looks on a white background.

Color Contrast Check

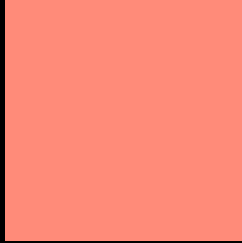
Large Text (above 18pt) WCAG AA × Fail

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 53.9238, 41.1057, 23.1813 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 53.9238, 41.1057, 23.1813

Background



This preview shows how black text looks on a background with the XYZ color 53.9238, 41.1057, 23.1813.



This preview shows how white text looks on a background with the XYZ color 53.9238, 41.1057,

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

53.9238, 41.1057, 23.1813

Protanopia

38.6541, 41.3216, 28.8602

Deuteranopia

42.0611, 41.2930, 22.2765



Tritanopia

55.3740, 41.2266, 32.2331

Trichromacy



Original Color

53.9238, 41.1057, 23.1813

Protanomaly

42.8946, 40.3086, 26.6386

Deuteranomaly

45.8990, 40.9322, 22.6211

Tritanomaly

54.8438, 41.2431, 28.7370

Monochromacy



Original Color

53.9238, 41.1057, 23.1813

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

42.6777, 39.9981, 35.6080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9238, 41.1057, 23.1813 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, 139, 121)` looks like.

```
.text, #text, p{  
    color:rgb(255, 139, 121)  
}
```

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, 139, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 139, 121) }
```

Border

The CSS property to change the border of an element to XYZ 53.9238, 41.1057, 23.1813 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, 139, 121) }
```


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

```
.border{ border-color:rgb(255, 139, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 139, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 139, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 139, 121);  
box-shadow:4px 4px 4px 4px rgb(255, 139,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9238, 41.1057, 23.1813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 139, 121) }
```

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

```
.background{ background-color: rgb(255,  
139, 121) }
```

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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