

Converting Colors

XYZ(74.1614, 48.2781, 22.0305)

Have a look what the booklet for
XYZ(74.1614, 48.2781, 22.0305)
contains.

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Color

**XYZ(51.3519, 36.4400,
20.8501)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7A74
RGB	255, 122, 116
RGB Percent	100%, 48%, 45%
CMY	0.0000, 0.5215, 0.5451
CMYK	0.00, 0.52, 0.55, 0.00
HSL	3°, 100%, 73%
HSV	3°, 55%, 100%
XYZ	51.3519, 36.4400, 20.8501
YIQ	161.0830, 81.1940, 26.3300

Conversions

Conversions Part 2

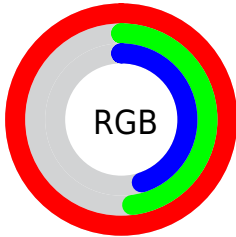
Format	Color
R _Y B	255, 122, 116
Decimal	16743028
CIE Lab	66.85, 50.10, 27.58
CIE LCh	67, 57.188, 28.828
Yxy	36.4400, 0.4727, 0.3354
Android (android.graphics.Color)	4294933108 (0xFFFF7A74)
YUV	161.0830, -22.2259, 82.3652
Hunter-Lab	60.3656, 46.2071, 21.7773

Details

The XYZ color **51.3519, 36.4400, 20.8501** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **59.1259, 78.6797, 106.6778**, and the grayscale version is **33.9896, 35.7597, 38.9424**.

A 20% lighter version of the original color is **64.0300, 55.5314, 44.3897**, and **25.1028, 15.8891, 7.2127** is the 20% darker color. If you saturate the color by 10%, you get **47.4380, 30.6692, 13.2046**, and if you desaturate by 10%, it is **56.4265, 43.8811, 30.8911**.

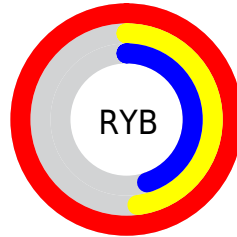
Distribution



Red (100%)

Green (48%)

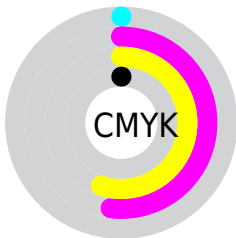
Blue (45%)



Red (100%)

Yellow (48%)

Blue (45%)

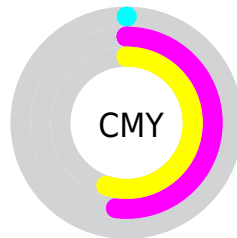


Cyan (0%)

Magenta (52%)

Yellow (55%)

Black (0%)



Cyan (0%)


Magenta (52%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.3519, 36.4400, 20.8501 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 51.3519, 36.4400, 20.8501 by changing the saturation by 10% instead.


 51.3519, 36.4400,
20.8501

 51.3519, 36.4400,
20.8501


382.2946,
330.8796, 269.2356

 36.7109, 24.7742,
12.8243


 91.3546, 69.7107,
45.7155

 25.1564, 15.9089,
7.1784


 117.4471, 92.0843,
63.3921

 16.3230, 9.4597,
3.4938


 148.0874,
118.7960, 85.1228

 9.8453, 5.0422,
1.3520

183.6410,
150.2302, 111.3261

 5.3580, 2.2721,
0.1038

224.4731,
186.7713, 142.4204

 2.4957, 0.7589,
0.0000

270.9492,

 0.8931, 0.0000,

228.8036, 178.8245

0.0000

323.4346,
276.7116, 220.9567

■ 0.0000, 0.0000,
0.0000

■ 51.3519, 36.4400,
20.8501

■ 51.3519, 36.4400,
20.8501

■ 47.4380, 30.6692,
13.2046

■ 56.4265, 43.8811,
30.8911

■ 44.5905, 26.4346,
7.7534

■ 62.7409, 53.1018,
43.5026

■ 42.7049, 23.5909,
4.2660

■ 70.3702, 64.2087,
58.8453

■ 41.6544, 21.9622,
2.4592

■ 79.3831, 77.2985,
77.0664

■ 41.3597, 21.4997,
1.9700

■ 89.8432, 92.4613,
98.3027

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.



54.0753, 36.4400, 40.6593



51.3519, 36.4400, 20.8501



43.9807, 36.4400, 11.2765

Triad

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



51.3519, 36.4400, 20.8501



22.2604, 36.4400, 19.7703



34.2960, 36.4400, 108.9298

Complementary

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



51.3519, 36.4400, 20.8501



59.1259, 78.6797, 106.6778

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.



26.7171, 36.4400, 96.0078



51.3519, 36.4400, 20.8501



20.5213, 36.4400, 38.7106

Square

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



51.3519, 36.4400, 20.8501



27.2158, 36.4400, 10.8605



22.0080, 36.4400, 67.3743



43.2933, 36.4400, 97.7746

Rectangle

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



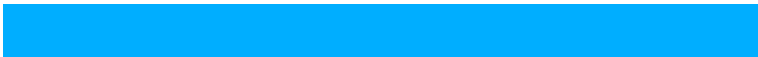
51.3519, 36.4400, 20.8501



37.9598, 36.4400, 8.8852



22.0080, 36.4400, 67.3743



31.5105, 36.4400, 107.1883

Sweetspot

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



51.3528, 36.4419, 20.8507



77.9496, 75.2182, 74.1625



64.7981, 40.6761, 95.1799



16.2719, 15.5009, 15.0388



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.



51.3528, 36.4419, 20.8507



47.2744, 30.4268, 12.8877



62.8347, 59.4057, 24.6780



18.0723, 18.1128, 18.6879



21.6385, 11.2882, 1.0384



2.1280, 1.1414, 0.1082

Inverse Universe

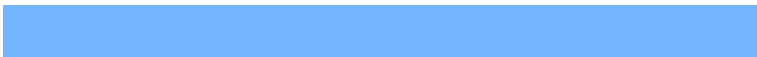
The Inverse Universe completely reimagines the original color for something new.



59.1259, 78.6797, 106.6778



55.7111, 76.3908, 106.4164



41.7494, 43.9267, 100.8856



18.4836, 20.3389, 23.2016



26.3619, 37.6333, 55.3091



2.5868, 3.7043, 5.3919

Previews

White Background



This preview shows how the XYZ color 51.3519, 36.4400, 20.8501 looks on a white background.

Color Contrast Check

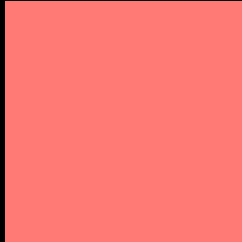
Large Text (above 18pt) WCAG AA × Fail

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 51.3519, 36.4400, 20.8501 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 51.3519, 36.4400, 20.8501

Background



This preview shows how black text looks on a background with the XYZ color 51.3519, 36.4400, 20.8501.



This preview shows how white text looks on a background with the XYZ color 51.3519, 36.4400,

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

51.3519, 36.4400, 20.8501

Protanopia

34.4135, 36.6863, 27.8216

Deuteranopia

37.2086, 36.5048, 19.8369



Tritanopia

52.0398, 36.5197, 25.0751

Trichromacy



Original Color

51.3519, 36.4400, 20.8501

Protanomaly

38.7778, 35.2687, 24.8424

Deuteranomaly

41.5132, 35.8681, 20.0645

Tritanomaly

51.7155, 36.3900, 23.3670

Monochromacy



Original Color

51.3519, 36.4400, 20.8501

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

38.0502, 34.5139, 31.4444

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3519, 36.4400, 20.8501 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, 116)` looks like.

```
.text, #text, p{  
    color:rgb(255, 122, 116)  
}
```

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, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 122, 116) }
```

Border

The CSS property to change the border of an element to XYZ 51.3519, 36.4400, 20.8501 is called "border". The border property can be set on classes, ids or directly on the HTML element.

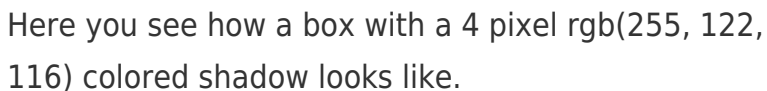
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 122, 116) }
```


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

```
.border{ border-color:rgb(255, 122, 116) }
```

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, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 122, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 122, 116); box-shadow:4px 4px 4px 4px rgb(255, 122, 116) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3519, 36.4400, 20.8501 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, 116) }
```

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

```
.background{ background-color: rgb(255,  
122, 116) }
```

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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