

Converting Colors

$Y_{xy}(30.2215, 0.5226, 0.3512)$

Have a look what the booklet for
Yxy(30.2215, 0.5226, 0.3512)
contains.

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Color

Yxy(30.2215, 0.5226, 0.3512)

Conversions

Conversions Part 1

Format	Color
Hex	F8674F
RGB	248, 103, 79
RGB Percent	97%, 40%, 31%
CMY	0.0275, 0.5960, 0.6902
CMYK	0.00, 0.58, 0.68, 0.03
HSL	9°, 92%, 64%
HSV	9°, 68%, 97%
XYZ	44.9708, 30.2215, 10.8598
YIQ	143.6190, 94.1240, 23.2760

Conversions

Conversions Part 2

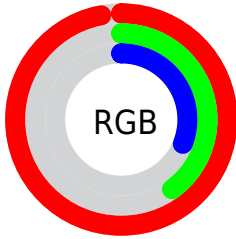
Format	Color
R _{YB}	248, 107, 79
Decimal	16279375
CIE Lab	61.84, 54.08, 41.46
CIE LCh	62, 68.143, 37.481
Yxy	30.2215, 0.5226, 0.3512
Android (android.graphics.Color)	4294469455 (0xFFFF8674F)
YUV	143.6190, -31.8572, 91.5421
Hunter-Lab	54.9741, 49.8149, 26.7695

Details

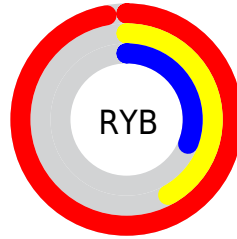
The Yxy color **30.2215, 0.5226, 0.3512** is a dark color, and the websafe version is hex **FF6666**, and the color name is **coral color (sango-iro)**. The color can be described as middle washed orange. A complement of this color would be **61.7362, 0.2264, 0.2985**, and the grayscale version is **27.8332, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.2987, 0.4364, 0.3594**, and **12.4571, 0.5839, 0.3415** is the 20% darker color. If you saturate the color by 10%, you get **26.2189, 0.5655, 0.3499**, and if you desaturate by 10%, it is **35.4387, 0.4786, 0.3502**.

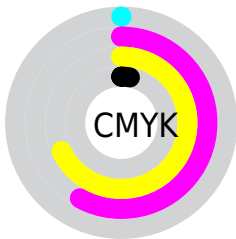
Distribution



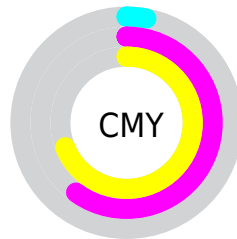
- Red (97%)
- Green (40%)
- Blue (31%)



- Red (97%)
- Yellow (42%)
- Blue (31%)



- Cyan (0%)
- Magenta (58%)
- Yellow (68%)
- Black (3%)





- Cyan (3%)
- Magenta (60%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.2215, 0.5226, 0.3512 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 Yxy color 30.2215, 0.5226, 0.3512 by changing the saturation by 10% instead.

 30.2215, 0.5226,
0.3512


 30.2215, 0.5226,
0.3512


302.9356, 0.4119,
0.3491

 20.0068, 0.5502,
0.3479


 60.0123, 0.4820,
0.3531

 12.4000, 0.5846,
0.3413

 80.3571, 0.4667,
0.3530

 7.0167, 0.6276,
0.3284


 104.8475, 0.4539,
0.3525

 3.4725, 0.6917,
0.3083

 133.8677, 0.4430,
0.3519

 1.3831, 0.7437,
0.2563

 167.8023, 0.4336,
0.3513

 0.2042, 0.8933,
0.1067

207.0355, 0.4254,

 0.0000, 1.0000,

0.3505

0.0000

251.9518, 0.4182,
0.3498

0.0000, 0.0000,
0.0000

30.2215, 0.5226,
0.3512

30.2215, 0.5226,
0.3512

26.2189, 0.5655,
0.3499

35.4387, 0.4786,
0.3502

23.3265, 0.6015,
0.3458

41.9533, 0.4377,
0.3474


21.4287, 0.6256,
0.3397

49.8469, 0.4020,
0.3438


21.1715, 0.6290,
0.3387

59.1927, 0.3718,
0.3398

70.0588, 0.3469,
0.3358

 82.5089, 0.3265,
0.3319

 96.6032, 0.3099,
0.3284

 98.6949, 0.3084,
0.3290

Harmonies

Analogous

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



30.2215, 0.4662, 0.2829



30.2215, 0.5226, 0.3512



30.2215, 0.5057, 0.4250

Triad

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



30.2215, 0.5226, 0.3512



30.2215, 0.2452, 0.4811



30.2215, 0.1795, 0.1746

Complementary

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



30.2215, 0.5226, 0.3512



61.7362, 0.2264, 0.2985

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.



30.2215, 0.1434, 0.1924



30.2215, 0.5226, 0.3512



30.2215, 0.1727, 0.3567

Square

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



30.2215, 0.5226, 0.3512



30.2215, 0.3419, 0.5343



30.2215, 0.1402, 0.2498



30.2215, 0.2518, 0.1868

Rectangle

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



30.2215, 0.5226, 0.3512



30.2215, 0.4634, 0.4747



30.2215, 0.1402, 0.2498



30.2215, 0.1637, 0.1769

Sweetspot

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



30.2232, 0.5226, 0.3512



72.3316, 0.3512, 0.3365



31.0080, 0.3430, 0.1928



14.7675, 0.3580, 0.3377



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.2232, 0.5226, 0.3512



26.5729, 0.5810, 0.3486



55.6488, 0.4491, 0.4333



17.6230, 0.3291, 0.3324



11.5561, 0.6271, 0.3402



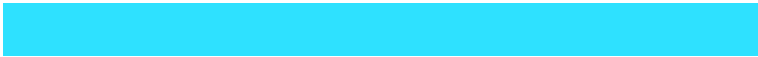
1.1873, 0.6080, 0.3554

Inverse Universe

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



61.7362, 0.2264, 0.2985



61.8015, 0.2177, 0.2914



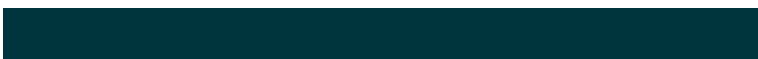
27.4778, 0.1983, 0.1835



19.1632, 0.2980, 0.3255



29.4600, 0.2120, 0.2832



2.8401, 0.2137, 0.2892

Previews

White Background



This preview shows how the Yxy color 30.2215, 0.5226, 0.3512 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 Yxy color 30.2215, 0.5226, 0.3512 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](#).

Yxy 30.2215, 0.5226, 0.3512

Background



This preview shows how black text looks on a background with the Yxy color 30.2215, 0.5226, 0.3512.



This preview shows how white text looks on a background with the Yxy color 30.2215, 0.5226, 0.3512.

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

30.2215, 0.5226, 0.3512

Protanopia

30.4438, 0.3799, 0.4113

Deuteranopia

30.4141, 0.4326, 0.4249



Tritanopia

30.1040, 0.4947, 0.3228

Trichromacy



Original Color

30.2215, 0.5226, 0.3512

Protanomaly

28.9826, 0.4330, 0.3863

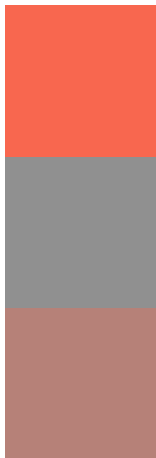
Deuteranomaly

29.3427, 0.4687, 0.3933

Tritanomaly

30.0986, 0.5065, 0.3333

Monochromacy



Original Color

30.2215, 0.5226, 0.3512

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.0017, 0.3869, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2215, 0.5226, 0.3512 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(248, 103, 79)` looks like.

```
.text, #text, p{  
    color:rgb(248, 103, 79)  
}
```

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(248, 103, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 103, 79) }
```

Border

The CSS property to change the border of an element to Yxy 30.2215, 0.5226, 0.3512 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(248, 103, 79) }
```

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

```
.border{ border-color:rgb(248, 103, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 103, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 103, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 103, 79);  
box-shadow:4px 4px 4px 4px rgb(248, 103,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2215, 0.5226, 0.3512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 103, 79) }
```

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

```
.background{ background-color: rgb(248,  
103, 79) }
```

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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