

Converting Colors

$Yxy(27.0204, 0.5512, 0.3297)$

Have a look what the booklet for
Yxy(27.0204, 0.5512, 0.3297)
contains.

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Color

Yxy(26.9507, 0.5521, 0.3297)

Conversions

Conversions Part 1

Format	Color
Hex	FF4C4C
RGB	255, 76, 76
RGB Percent	100%, 30%, 30%
CMY	0.0000, 0.7019, 0.7019
CMYK	0.00, 0.70, 0.70, 0.00
HSL	360°, 100%, 65%
HSV	360°, 70%, 100%
XYZ	45.1304, 26.9507, 9.6620
YIQ	129.5210, 106.6840, 37.9480

Conversions

Conversions Part 2

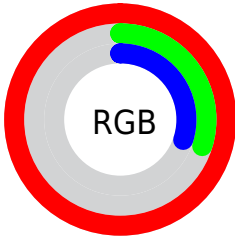
Format	Color
RYB	255, 76, 76
Decimal	16731212
CIELab	58.93, 67.11, 39.98
CIElCh	59, 78.112, 30.786
Yxy	26.9507, 0.5521, 0.3297
Android (android.graphics.Color)	4294921292 (0xFFFF4C4C)
YUV	129.5210, -26.3859, 110.0451
Hunter-Lab	51.9141, 64.3255, 25.3050

Details

The Yxy color **26.9507, 0.5521, 0.3297** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **80.2766, 0.2326, 0.3288**, and the grayscale version is **22.2129, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.0686, 0.4543, 0.3396**, and **11.0461, 0.6169, 0.3172** is the 20% darker color. If you saturate the color by 10%, you get **23.8194, 0.5953, 0.3298**, and if you desaturate by 10%, it is **31.6154, 0.5037, 0.3296**.

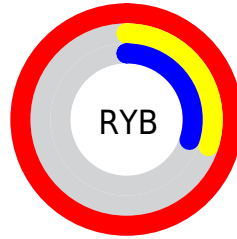
Distribution



Red (100%)

Green (30%)

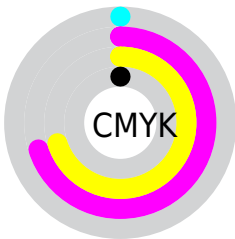
Blue (30%)



Red (100%)

Yellow (30%)

Blue (30%)

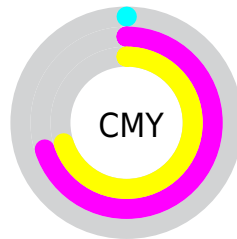


Cyan (0%)

Magenta (70%)

Yellow (70%)

Black (0%)



Cyan (0%)


Magenta (70%)


Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9507, 0.5521, 0.3297 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 26.9507, 0.5521, 0.3297 by changing the saturation by 10% instead.


 26.9507, 0.5521,
0.3297


 26.9507, 0.5521,
0.3297


287.4183, 0.4242,
0.3405


 17.5362, 0.5842,
0.3225


 54.8047, 0.5049,
0.3368


 10.6175, 0.6241,
0.3106


 74.0131, 0.4873,
0.3385


 5.8103, 0.6746,
0.2907

 97.2548, 0.4724,
0.3395

 2.7301, 0.7417,
0.2583

 124.9144, 0.4598,
0.3401

 0.9925, 0.8030,
0.1970

 157.3761, 0.4490,
0.3404

 0.0000, 1.0000,
0.0000


195.0244, 0.4396,


 0.0000, 0.0000,


0.3406


0.0000

238.2437, 0.4314,
0.3406

 26.9507, 0.5521,
0.3297

 26.9507, 0.5521,
0.3297


 23.8194, 0.5953,
0.3298


 31.6154, 0.5037,
0.3296


 22.0257, 0.6256,
0.3299


 37.9727, 0.4569,
0.3294

 21.2600, 0.6401,
0.3300

 46.1646, 0.4156,
0.3293

 56.3177, 0.3811,
0.3292

 68.5471, 0.3532,
0.3291

 82.9593, 0.3308,
0.3291

99.6532, 0.3130,
0.3290

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



26.9507, 0.4689, 0.2576



26.9507, 0.5521, 0.3297



26.9507, 0.5437, 0.4093

Triad

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



26.9507, 0.5521, 0.3297



26.9507, 0.2525, 0.5411



26.9507, 0.1486, 0.1548

Complementary

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



26.9507, 0.5521, 0.3297



80.2766, 0.2326, 0.3288

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.



26.9507, 0.1178, 0.1807



26.9507, 0.5521, 0.3297



26.9507, 0.1637, 0.3952

Square

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



26.9507, 0.5521, 0.3297



26.9507, 0.3632, 0.5681



26.9507, 0.1206, 0.2553



26.9507, 0.2187, 0.1621

Rectangle

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



26.9507, 0.5521, 0.3297



26.9507, 0.4986, 0.4680



26.9507, 0.1206, 0.2553



26.9507, 0.1345, 0.1593

Sweetspot

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



26.9516, 0.5521, 0.3297



67.4817, 0.3552, 0.3291



33.0882, 0.3171, 0.1726



13.6856, 0.3624, 0.3291



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.



26.9516, 0.5521, 0.3297



22.9908, 0.6087, 0.3299



47.8060, 0.4769, 0.4103



17.9871, 0.3295, 0.3291



11.1088, 0.6401, 0.3300



1.0816, 0.6401, 0.3300

Inverse Universe

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



26.9516, 0.5521, 0.3297



22.9908, 0.6087, 0.3299



36.9418, 0.2043, 0.2148



17.9871, 0.3295, 0.3291



11.1088, 0.6401, 0.3300



1.0816, 0.6401, 0.3300

Previews

White Background



This preview shows how the Yxy color 26.9507, 0.5521, 0.3297 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9507, 0.5521, 0.3297 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.9507, 0.5521, 0.3297

Background



This preview shows how black text looks on a background with the Yxy color 26.9507, 0.5521, 0.3297.



This preview shows how white text looks on a background with the Yxy color 26.9507, 0.5521, 0.3297.

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

26.9507, 0.5521, 0.3297

Protanopia

27.0384, 0.3687, 0.3970

Deuteranopia

26.9514, 0.4345, 0.4251



Tritanopia

26.9934, 0.5486, 0.3274

Trichromacy



Original Color

26.9507, 0.5521, 0.3297

Protanomaly

24.6593, 0.4395, 0.3661

Deuteranomaly

25.4560, 0.4838, 0.3813

Tritanomaly

26.9789, 0.5498, 0.3282

Monochromacy



Original Color

26.9507, 0.5521, 0.3297

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

21.3916, 0.4013, 0.3293

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9507, 0.5521, 0.3297 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, 76, 76)` looks like.

```
.text, #text, p{  
    color:rgb(255, 76, 76)  
}
```

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, 76, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 76, 76) }
```

Border

The CSS property to change the border of an element to Yxy 26.9507, 0.5521, 0.3297 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, 76, 76) }
```

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

```
.border{ border-color:rgb(255, 76, 76) }
```

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

Here you see how a box with a 4 pixel rgb(255, 76, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 76, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 76, 76);  
box-shadow:4px 4px 4px 4px rgb(255, 76,  
76) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9507, 0.5521, 0.3297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 76, 76) }
```

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

```
.background{ background-color: rgb(255, 76,  
76) }
```

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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