

Converting Colors

$Y_{xy}(29.0990, 0.4931, 0.3378)$

Have a look what the booklet for
Yxy(29.0990, 0.4931, 0.3378)
contains.

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Color

Yxy(29.1434, 0.4921, 0.3377)

Conversions

Conversions Part 1

Format	Color
Hex	EE6961
RGB	238, 105, 97
RGB Percent	93%, 41%, 38%
CMY	0.0667, 0.5882, 0.6197
CMYK	0.00, 0.56, 0.59, 0.07
HSL	3°, 81%, 66%
HSV	3°, 59%, 93%
XYZ	42.4681, 29.1434, 14.6882
YIQ	143.8550, 81.8360, 25.7080

Conversions

Conversions Part 2

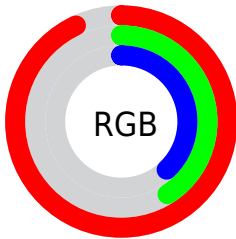
Format	Color
R_{YB}	238, 105, 97
Decimal	15624545
CIE _{Lab}	60.91, 50.75, 30.03
CIE _{LCh}	61, 58.966, 30.612
Y _{xy}	29.1434, 0.4921, 0.3377
Android (android.graphics.Color)	4293814625 (0xFFEE6961)
YUV	143.8550, -23.0995, 82.5652
Hunter-Lab	53.9846, 45.9474, 21.6575

Details

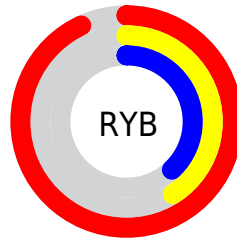
The Yxy color **29.1434, 0.4921, 0.3377** is a dark color, and the websafe version is hex **FF6666**. A complement of this color would be **65.2826, 0.2375, 0.3187**, and the grayscale version is **27.8991, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.5397, 0.4167, 0.3419**, and **11.7416, 0.5510, 0.3297** is the 20% darker color. If you saturate the color by 10%, you get **24.7811, 0.5390, 0.3379**, and if you desaturate by 10%, it is **34.8481, 0.4478, 0.3367**.

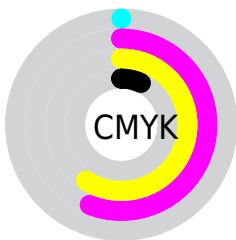
Distribution



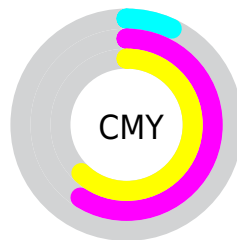
- Red (93%)
- Green (41%)
- Blue (38%)



- Red (93%)
- Yellow (41%)
- Blue (38%)



- Cyan (0%)
- Magenta (56%)
- Yellow (59%)
- Black (7%)



- Cyan (7%)
- Magenta (59%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.1434, 0.4921, 0.3377 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 29.1434, 0.4921, 0.3377 by changing the saturation by 10% instead.

 29.1434, 0.4921,
0.3377


 29.1434, 0.4921,
0.3377


297.8910, 0.3955,
0.3392

 19.1893, 0.5176,
0.3349


 58.3048, 0.4558,
0.3399


 11.8072, 0.5506,
0.3295


 78.2810, 0.4424,
0.3402

 6.6125, 0.5942,
0.3193


 102.3666, 0.4313,
0.3403

 3.2210, 0.6586,
0.3020

 130.9462, 0.4219,
0.3402

 1.2482, 0.7385,
0.2615

164.4040, 0.4139,
0.3400

 0.1005, 0.9346,
0.0654


203.1244, 0.4069,


 0.0000, 1.0000,

0.3397


0.0000


247.4920, 0.4009,
0.3395


 0.0000, 0.0000,
0.0000


 29.1434, 0.4921,
0.3377


 29.1434, 0.4921,
0.3377


 24.7811, 0.5390,
0.3379


 34.8481, 0.4478,
0.3367


 21.6469, 0.5829,
0.3370


 41.9878, 0.4091,
0.3353


 19.6158, 0.6167,
0.3349

 50.6524, 0.3766,
0.3336

 18.5295, 0.6360,
0.3325

 60.9229, 0.3501,
0.3320

 18.4798, 0.6370,
0.3324

 72.8750, 0.3288,
0.3304

■ 86.5792, 0.3116,
0.3289

■ 96.9171, 0.3023,
0.3290

Harmonies

Analogous

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



29.1434, 0.4283, 0.2757



29.1434, 0.4921, 0.3377



29.1434, 0.4942, 0.4045

Triad

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



29.1434, 0.4921, 0.3377



29.1434, 0.2739, 0.4776



29.1434, 0.1825, 0.1909

Complementary

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



29.1434, 0.4921, 0.3377



65.2826, 0.2375, 0.3187

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.



29.1434, 0.1561, 0.2159



29.1434, 0.4921, 0.3377



29.1434, 0.2006, 0.3799

Square

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



29.1434, 0.4921, 0.3377



29.1434, 0.3627, 0.5074



29.1434, 0.1610, 0.2789



29.1434, 0.2412, 0.1956

Rectangle

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



29.1434, 0.4921, 0.3377



29.1434, 0.4648, 0.4488



29.1434, 0.1610, 0.2789



29.1434, 0.1702, 0.1956

Sweetspot

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



29.1450, 0.4921, 0.3377



72.8143, 0.3474, 0.3318



32.4873, 0.3261, 0.1964



14.7770, 0.3543, 0.3323



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.



29.1450, 0.4921, 0.3377



28.1371, 0.5482, 0.3378



49.5191, 0.4379, 0.4118



15.9034, 0.3292, 0.3304



10.3684, 0.6359, 0.3333



0.9131, 0.6253, 0.3417

Inverse Universe

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



65.2826, 0.2375, 0.3187



73.7823, 0.2291, 0.3163



34.0045, 0.2161, 0.2227



17.7654, 0.2981, 0.3276



33.3809, 0.2198, 0.3111



2.8237, 0.2205, 0.3136

Previews

White Background



This preview shows how the Yxy color 29.1434, 0.4921, 0.3377 looks on a white background.

Color Contrast Check

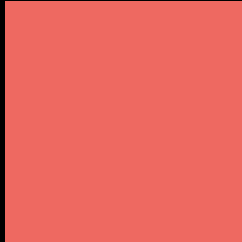
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1434, 0.4921, 0.3377 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 29.1434, 0.4921, 0.3377

Background



This preview shows how black text looks on a background with the Yxy color 29.1434, 0.4921, 0.3377.



This preview shows how white text looks on a background with the Yxy color 29.1434, 0.4921, 0.3377.

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

29.1434, 0.4921, 0.3377

Protanopia

29.2733, 0.3557, 0.3795

Deuteranopia

29.2701, 0.4077, 0.4008



Tritanopia

29.1770, 0.4778, 0.3222

Trichromacy



Original Color

29.1434, 0.4921, 0.3377

Protanomaly

28.0243, 0.4043, 0.3631

Deuteranomaly

28.5080, 0.4403, 0.3745

Tritanomaly

29.2713, 0.4836, 0.3285

Monochromacy



Original Color

29.1434, 0.4921, 0.3377

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.9625, 0.3733, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1434, 0.4921, 0.3377 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(238, 105, 97)` looks like.

```
.text, #text, p{  
    color:rgb(238, 105, 97)  
}
```

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(238, 105, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 105, 97) }
```

Border

The CSS property to change the border of an element to Yxy 29.1434, 0.4921, 0.3377 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(238, 105, 97) }
```

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

```
.border{ border-color:rgb(238, 105, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 105, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 105, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 105, 97);  
box-shadow:4px 4px 4px 4px rgb(238, 105,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1434, 0.4921, 0.3377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 105, 97) }
```

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

```
.background{ background-color: rgb(238,  
105, 97) }
```

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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