

Converting Colors

$Yxy(29.2032, 0.4968, 0.3452)$

Have a look what the booklet for
Yxy(29.2032, 0.4968, 0.3452)
contains.

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Color

Yxy(29.2752, 0.4968, 0.3457)

Conversions

Conversions Part 1

Format	Color
Hex	ED6B5B
RGB	237, 107, 91
RGB Percent	93%, 42%, 36%
CMY	0.0706, 0.5804, 0.6430
CMYK	0.00, 0.55, 0.62, 0.07
HSL	7°, 80%, 64%
HSV	7°, 62%, 93%
XYZ	42.0709, 29.2752, 13.3377
YIQ	144.0460, 82.6160, 22.5840

Conversions

Conversions Part 2

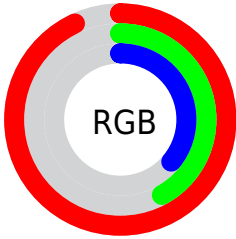
Format	Color
R _Y B	237, 109, 91
Decimal	15559515
CIE Lab	61.02, 49.05, 33.47
CIE LCh	61, 59.385, 34.308
Yxy	29.2752, 0.4968, 0.3457
Android (android.graphics.Color)	4293749595 (0xFFED6B5B)
YUV	144.0460, -26.1517, 81.5207
Hunter-Lab	54.1066, 44.1074, 23.2591

Details

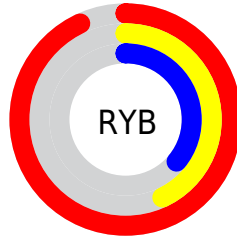
The Yxy color **29.2752, 0.4968, 0.3457** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **60.0617, 0.2333, 0.3083**, and the grayscale version is **27.9943, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.0237, 0.4226, 0.3513**, and **11.8496, 0.5547, 0.3384** is the 20% darker color. If you saturate the color by 10%, you get **25.0531, 0.5420, 0.3458**, and if you desaturate by 10%, it is **34.7034, 0.4534, 0.3441**.

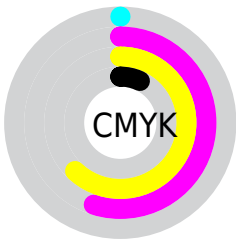
Distribution



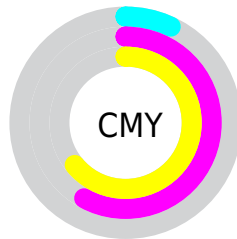
- Red (93%)
- Green (42%)
- Blue (36%)



- Red (93%)
- Yellow (43%)
- Blue (36%)



- Cyan (0%)
- Magenta (55%)
- Yellow (62%)
- Black (7%)





- Cyan (7%)
- Magenta (58%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.2752, 0.4968, 0.3457 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 29.2752, 0.4968, 0.3457 by changing the saturation by 10% instead.


 29.2752, 0.4968,
0.3457


 29.2752, 0.4968,
0.3457


298.5112, 0.3981,
0.3437


 19.2891, 0.5225,
0.3434


 58.5140, 0.4598,
0.3469


 11.8794, 0.5556,
0.3386


 78.5356, 0.4462,
0.3467

 6.6616, 0.5987,
0.3288


 102.6710, 0.4348,
0.3463

 3.2514, 0.6671,
0.3141

 131.3048, 0.4252,
0.3458

 1.2643, 0.7318,
0.2682

164.8214, 0.4170,
0.3453

 0.1133, 0.9249,
0.0751

203.6050, 0.4098,


 0.0000, 1.0000,


0.3447


0.0000


248.0402, 0.4036,
0.3442

 0.0000, 0.0000,
0.0000


 29.2752, 0.4968,
0.3457


 29.2752, 0.4968,
0.3457


 25.0531, 0.5420,
0.3458


 34.7034, 0.4534,
0.3441


 21.9402, 0.5838,
0.3438


 41.4155, 0.4149,
0.3415


 19.8325, 0.6158,
0.3398


 49.4883, 0.3822,
0.3384


 18.7399, 0.6326,
0.3359

 58.9910, 0.3552,
0.3353

 69.9884, 0.3332,
0.3323

 82.5410, 0.3152,
0.3294

 96.5815, 0.3017,
0.3287

 96.7436, 0.3017,
0.3290

Harmonies

Analogous

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



29.2752, 0.4396, 0.2827



29.2752, 0.4968, 0.3457



29.2752, 0.4912, 0.4131

Triad

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



29.2752, 0.4968, 0.3457



29.2752, 0.2632, 0.4692



29.2752, 0.1873, 0.1894

Complementary

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



29.2752, 0.4968, 0.3457



60.0617, 0.2333, 0.3083

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.



29.2752, 0.1570, 0.2104



29.2752, 0.4968, 0.3457



29.2752, 0.1931, 0.3664

Square

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



29.2752, 0.4968, 0.3457



29.2752, 0.3518, 0.5091



29.2752, 0.1579, 0.2684



29.2752, 0.2504, 0.1975

Rectangle

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



29.2752, 0.4968, 0.3457



29.2752, 0.4579, 0.4570



29.2752, 0.1579, 0.2684



29.2752, 0.1737, 0.1928

Sweetspot

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



29.2768, 0.4968, 0.3457



74.0245, 0.3469, 0.3342



30.7865, 0.3343, 0.1983



15.0654, 0.3538, 0.3351



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.



29.2768, 0.4968, 0.3457



28.4662, 0.5539, 0.3455



50.8433, 0.4382, 0.4215



15.3194, 0.3290, 0.3316



10.3237, 0.6309, 0.3372



0.8991, 0.6118, 0.3524

Inverse Universe

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



60.0617, 0.2333, 0.3083



67.4304, 0.2242, 0.3034



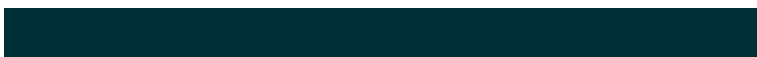
29.9669, 0.2102, 0.2071



16.8238, 0.2981, 0.3263



28.9090, 0.2151, 0.2942



2.3506, 0.2165, 0.2995

Previews

White Background



This preview shows how the Yxy color 29.2752, 0.4968, 0.3457 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 29.2752, 0.4968, 0.3457 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 29.2752, 0.4968, 0.3457

Background



This preview shows how black text looks on a background with the Yxy color 29.2752, 0.4968, 0.3457.



This preview shows how white text looks on a background with the Yxy color 29.2752, 0.4968, 0.3457.

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

29.2752, 0.4968, 0.3457

Protanopia

29.6123, 0.3656, 0.3931

Deuteranopia

29.4089, 0.4160, 0.4080



Tritanopia

29.2255, 0.4749, 0.3222

Trichromacy



Original Color

29.2752, 0.4968, 0.3457

Protanomaly

28.2794, 0.4129, 0.3739

Deuteranomaly

28.8061, 0.4472, 0.3827

Tritanomaly

29.2798, 0.4833, 0.3305

Monochromacy



Original Color

29.2752, 0.4968, 0.3457

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.1782, 0.3753, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2752, 0.4968, 0.3457 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(237, 107, 91)` looks like.

```
.text, #text, p{  
    color:rgb(237, 107, 91)  
}
```

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(237, 107, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 107, 91) }
```

Border

The CSS property to change the border of an element to Yxy 29.2752, 0.4968, 0.3457 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(237, 107, 91) }
```

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

```
.border{ border-color:rgb(237, 107, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 107, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 107, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 107, 91);  
box-shadow:4px 4px 4px 4px rgb(237, 107,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2752, 0.4968, 0.3457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 107, 91) }
```

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

```
.background{ background-color: rgb(237,  
107, 91) }
```

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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