

Converting Colors

$Yxy(24.6938, 0.4990, 0.3173)$

Have a look what the booklet for
Yxy(24.6938, 0.4990, 0.3173)
contains.

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Color

Yxy(24.6932, 0.4990, 0.3175)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E85662 |
| RGB | 232, 86, 98 |
| RGB Percent | 91%, 34%, 38% |
| CMY | 0.0902, 0.6627, 0.6158 |
| CMYK | 0.00, 0.63, 0.58, 0.09 |
| HSL | 355°, 76%, 62% |
| HSV | 355°, 63%, 91% |
| XYZ | 38.8092, 24.6932, 14.2715 |
| YIQ | 131.0220, 83.1640, 34.6840 |

Conversions

Conversions Part 2

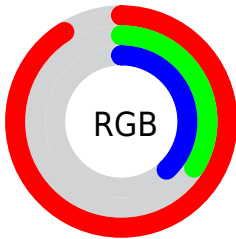
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 232, 86, 98 |
| Decimal | 15226466 |
| CIE _{Lab} | 56.78, 57.25, 23.88 |
| CIE _{LCh} | 57, 62.033, 22.642 |
| Yxy | 24.6932, 0.4990, 0.3175 |
| Android (android.graphics.Color) | 4293416546 (0xFFE85662) |
| YUV | 131.0220, -16.2798, 88.5577 |
| Hunter-Lab | 49.6923, 52.4453, 17.7566 |

Details

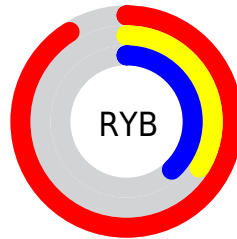
The Yxy color **24.6932, 0.4990, 0.3175** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **64.8581, 0.2422, 0.3444**, and the grayscale version is **22.7440, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.7759, 0.4241, 0.3220**, and **9.3678, 0.5642, 0.3023** is the 20% darker color. If you saturate the color by 10%, you get **21.2210, 0.5450, 0.3180**, and if you desaturate by 10%, it is **29.4769, 0.4548, 0.3183**.

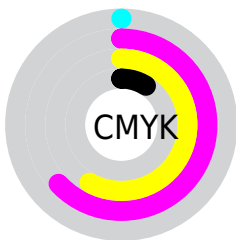
Distribution



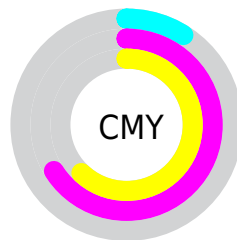
- Red (91%)
- Green (34%)
- Blue (38%)



- Red (91%)
- Yellow (34%)
- Blue (38%)



- Cyan (0%)
- Magenta (63%)
- Yellow (58%)
- Black (9%)





- Cyan (9%)
- Magenta (66%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.6932, 0.4990, 0.3175 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 24.6932, 0.4990, 0.3175 by changing the saturation by 10% instead.


 24.6932, 0.4990,
0.3175

 24.6932, 0.4990,
0.3175


276.3066, 0.3961,
0.3293


 15.8486, 0.5273,
0.3119


 51.1591, 0.4595,
0.3236


 9.4171, 0.5647,
0.3030


 69.5491, 0.4452,
0.3253

 5.0142, 0.6155,
0.2877

 91.8899, 0.4335,
0.3266

 2.2556, 0.6952,
0.2636

 118.5656, 0.4236,
0.3275

 0.7501, 0.7919,
0.2081

149.9607, 0.4151,
0.3281

 0.0000, 1.0000,
0.0000

186.4597, 0.4079,

 0.0000, 0.0000,

0.3286

0.0000

228.4468, 0.4016,
0.3290

■ 24.6932, 0.4990,
0.3175

■ 24.6932, 0.4990,
0.3175

■ 21.2210, 0.5450,
0.3180

■ 29.4769, 0.4548,
0.3183

■ 18.9264, 0.5872,
0.3201

■ 35.6808, 0.4157,
0.3199


■ 17.6540, 0.6187,
0.3236


■ 43.4069, 0.3829,
0.3220


■ 17.2019, 0.6328,
0.3260

■ 52.7468, 0.3560,
0.3242

■ 63.7846, 0.3344,
0.3264

 76.5989, 0.3171,
0.3284

 91.2632, 0.3032,
0.3303

 95.8949, 0.2987,
0.3290

Harmonies

Analogous

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



24.6932, 0.4133, 0.2541



24.6932, 0.4990, 0.3175



24.6932, 0.5178, 0.3878

Triad

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



24.6932, 0.4990, 0.3175



24.6932, 0.2929, 0.5148



24.6932, 0.1605, 0.1823

Complementary

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



24.6932, 0.4990, 0.3175



64.8581, 0.2422, 0.3444

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.



24.6932, 0.1411, 0.2178



24.6932, 0.4990, 0.3175



24.6932, 0.2067, 0.4187

Square

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



24.6932, 0.4990, 0.3175



24.6932, 0.3894, 0.5196



24.6932, 0.1547, 0.2980



24.6932, 0.2135, 0.1803

Rectangle

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



24.6932, 0.4990, 0.3175



24.6932, 0.4931, 0.4368



24.6932, 0.1547, 0.2980



24.6932, 0.1505, 0.1900

Sweetspot

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



24.6946, 0.4990, 0.3175



70.3471, 0.3472, 0.3250



27.6731, 0.3071, 0.1794



14.2500, 0.3538, 0.3244



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.



24.6946, 0.4990, 0.3175



25.1559, 0.5604, 0.3185



38.6449, 0.4635, 0.3948



14.3871, 0.3280, 0.3271



9.5577, 0.6308, 0.3249



0.7130, 0.6073, 0.3119

Inverse Universe

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



24.6946, 0.4990, 0.3175



25.1559, 0.5604, 0.3185



36.9953, 0.2175, 0.2438



14.3871, 0.3280, 0.3271



9.5577, 0.6308, 0.3249



0.7130, 0.6073, 0.3119

Previews

White Background



This preview shows how the Yxy color 24.6932, 0.4990, 0.3175 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 24.6932, 0.4990, 0.3175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

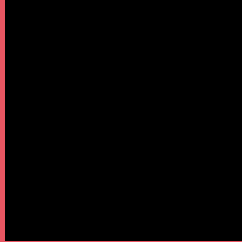
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.6932, 0.4990, 0.3175

Background



This preview shows how black text looks on a background with the Yxy color 24.6932, 0.4990, 0.3175.



This preview shows how white text looks on a background with the Yxy color 24.6932, 0.4990, 0.3175.

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

24.6932, 0.4990, 0.3175

Protanopia

24.8284, 0.3367, 0.3544

Deuteranopia

24.8804, 0.3983, 0.3914



Tritanopia

24.7449, 0.5066, 0.3246

Trichromacy



Original Color

24.6932, 0.4990, 0.3175

Protanomaly

23.2631, 0.3928, 0.3367

Deuteranomaly

23.8884, 0.4369, 0.3582

Tritanomaly

24.7803, 0.5039, 0.3226

Monochromacy



Original Color

24.6932, 0.4990, 0.3175

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

21.9182, 0.3774, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.6932, 0.4990, 0.3175 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(232, 86, 98)` looks like.

```
.text, #text, p{  
    color:rgb(232, 86, 98)  
}
```

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(232, 86, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 86, 98) }
```

Border

The CSS property to change the border of an element to Yxy 24.6932, 0.4990, 0.3175 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(232, 86, 98) }
```

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

```
.border{ border-color:rgb(232, 86, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 86, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 86, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 86, 98);  
box-shadow:4px 4px 4px 4px rgb(232, 86,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 24.6932, 0.4990, 0.3175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 86, 98) }
```

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

```
.background{ background-color: rgb(232, 86,  
98) }
```

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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