

Converting Colors

$Y_{xy}(22.8908, 0.5282, 0.3259)$

Have a look what the booklet for
Yxy(22.8908, 0.5282, 0.3259)
contains.

Yxy(22.8908, 0.5282, 0.3259)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(22.8908, 0.5282, 0.3259)

Conversions

Conversions Part 1

Format	Color
Hex	E74D51
RGB	231, 77, 81
RGB Percent	91%, 30%, 32%
CMY	0.0940, 0.6981, 0.6823
CMYK	0.00, 0.67, 0.65, 0.09
HSL	358°, 76%, 60%
HSV	358°, 67%, 91%
XYZ	37.1001, 22.8908, 10.2478
YIQ	123.5020, 90.5000, 33.8920

Conversions

Conversions Part 2

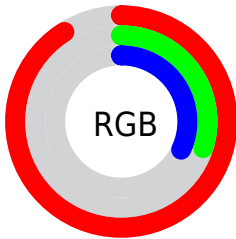
Format	Color
R_{YB}	231, 77, 81
Decimal	15158609
CIE Lab	54.96, 59.55, 31.37
CIE LCh	55, 67.308, 27.779
Yxy	22.8908, 0.5282, 0.3259
Android (android.graphics.Color)	4293348689 (0xFFE74D51)
YUV	123.5020, -20.9535, 94.2757
Hunter-Lab	47.8443, 54.6873, 20.7916

Details

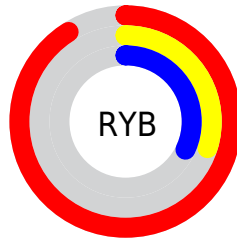
The Yxy color **22.8908, 0.5282, 0.3259** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **64.2886, 0.2364, 0.3340**, and the grayscale version is **20.0283, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.9219, 0.4494, 0.3335**, and **8.4522, 0.6020, 0.3090** is the 20% darker color. If you saturate the color by 10%, you get **19.9306, 0.5741, 0.3264**, and if you desaturate by 10%, it is **27.1126, 0.4808, 0.3259**.

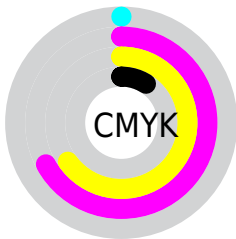
Distribution



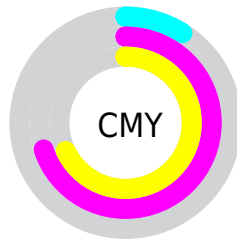
- Red (91%)
- Green (30%)
- Blue (32%)



- Red (91%)
- Yellow (30%)
- Blue (32%)



- Cyan (0%)
- Magenta (67%)
- Yellow (65%)
- Black (9%)





- Cyan (9%)
- Magenta (70%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.8908, 0.5282, 0.3259 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 22.8908, 0.5282, 0.3259 by changing the saturation by 10% instead.


 22.8908, 0.5282,
0.3259


 22.8908, 0.5282,
0.3259


267.1636, 0.4088,
0.3360


 14.5129, 0.5604,
0.3195


 48.2140, 0.4826,
0.3322

 8.4782, 0.6022,
0.3085

 65.9280, 0.4661,
0.3337

 4.4025, 0.6573,
0.2892


 87.5229, 0.4524,
0.3347

 1.9011, 0.7419,
0.2581

 113.3830, 0.4408,
0.3353

 0.5491, 0.8234,
0.1766

 143.8927, 0.4310,
0.3357

 0.0000, 1.0000,
0.0000

179.4365, 0.4226,

 0.0000, 0.0000,

0.3359

0.0000

220.3986, 0.4152,
0.3359

■ 22.8908, 0.5282,
0.3259

■ 22.8908, 0.5282,
0.3259

■ 19.9306, 0.5741,
0.3264

■ 27.1126, 0.4808,
0.3259

■ 18.0887, 0.6113,
0.3275

■ 32.7113, 0.4371,
0.3262


■ 17.1899, 0.6335,
0.3288


■ 39.7936, 0.3996,
0.3267


■ 17.0062, 0.6380,
0.3288

■ 48.4546, 0.3687,
0.3273

■ 58.7815, 0.3437,
0.3280

 70.8553, 0.3238,
0.3286

 84.7514, 0.3078,
0.3292

 95.7330, 0.2982,
0.3290

Harmonies

Analogous

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



22.8908, 0.4441, 0.2574



22.8908, 0.5282, 0.3259



22.8908, 0.5320, 0.4013

Triad

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



22.8908, 0.5282, 0.3259



22.8908, 0.2701, 0.5273



22.8908, 0.1549, 0.1673

Complementary

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



22.8908, 0.5282, 0.3259



64.2886, 0.2364, 0.3340

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.



22.8908, 0.1287, 0.1968



22.8908, 0.5282, 0.3259



22.8908, 0.1825, 0.4045

Square

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



22.8908, 0.5282, 0.3259



22.8908, 0.3745, 0.5452



22.8908, 0.1358, 0.2735



22.8908, 0.2177, 0.1709

Rectangle

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



22.8908, 0.5282, 0.3259



22.8908, 0.4959, 0.4551



22.8908, 0.1358, 0.2735



22.8908, 0.1425, 0.1729

Sweetspot

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



22.8921, 0.5282, 0.3259



68.8695, 0.3517, 0.3278



27.2268, 0.3144, 0.1768



13.9576, 0.3587, 0.3276



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.



22.8921, 0.5282, 0.3259



23.9164, 0.5895, 0.3268



38.9815, 0.4682, 0.4053



14.3741, 0.3288, 0.3284



9.5344, 0.6372, 0.3284



0.7067, 0.6292, 0.3240

Inverse Universe

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



22.8921, 0.5282, 0.3259



23.9164, 0.5895, 0.3268



32.1914, 0.2101, 0.2261



14.3741, 0.3288, 0.3284



9.5344, 0.6372, 0.3284



0.7067, 0.6292, 0.3240

Previews

White Background



This preview shows how the Yxy color 22.8908, 0.5282, 0.3259 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 22.8908, 0.5282, 0.3259 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 22.8908, 0.5282, 0.3259

Background



This preview shows how black text looks on a background with the Yxy color 22.8908, 0.5282, 0.3259.



This preview shows how white text looks on a background with the Yxy color 22.8908, 0.5282, 0.3259.

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

22.8908, 0.5282, 0.3259

Protanopia

23.1445, 0.3556, 0.3795

Deuteranopia

22.9798, 0.4183, 0.4115



Tritanopia

22.8908, 0.5282, 0.3259

Trichromacy



Original Color

22.8908, 0.5282, 0.3259

Protanomaly

21.4132, 0.4194, 0.3548

Deuteranomaly

21.6860, 0.4624, 0.3726

Tritanomaly

22.8908, 0.5282, 0.3259

Monochromacy



Original Color

22.8908, 0.5282, 0.3259

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

19.0722, 0.3891, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.8908, 0.5282, 0.3259 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(231, 77, 81)` looks like.

```
.text, #text, p{  
    color:rgb(231, 77, 81)  
}
```

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(231, 77, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 77, 81) }
```

Border

The CSS property to change the border of an element to Yxy 22.8908, 0.5282, 0.3259 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(231, 77, 81) }
```

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

```
.border{ border-color:rgb(231, 77, 81) }
```

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

Here you see how a box with a 4 pixel rgb(231, 77, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 77, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 77, 81);  
box-shadow:4px 4px 4px 4px rgb(231, 77,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 22.8908, 0.5282, 0.3259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 77, 81) }
```

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

```
.background{ background-color: rgb(231, 77,  
81) }
```

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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