

Converting Colors

$Yxy(21.7135, 0.5143, 0.3130)$

Have a look what the booklet for
Yxy(21.7135, 0.5143, 0.3130)
contains.

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Color

Yxy(21.6720, 0.5140, 0.3130)

Conversions

Conversions Part 1

Format	Color
Hex	E2495A
RGB	226, 73, 90
RGB Percent	89%, 29%, 35%
CMY	0.1138, 0.7136, 0.6471
CMYK	0.00, 0.68, 0.60, 0.11
HSL	353°, 72%, 59%
HSV	353°, 68%, 89%
XYZ	35.5892, 21.6720, 11.9785
YIQ	120.6850, 85.7310, 37.7230

Conversions

Conversions Part 2

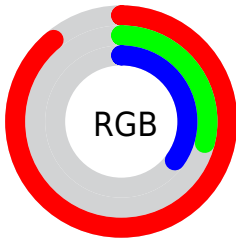
Format	Color
R_{YB}	226, 73, 90
Decimal	14829914
CIE Lab	53.68, 60.05, 24.30
CIE LCh	54, 64.780, 22.033
Yxy	21.6720, 0.5140, 0.3130
Android (android.graphics.Color)	4293019994 (0xFFE2495A)
YUV	120.6850, -15.1277, 92.3613
Hunter-Lab	46.5532, 54.9923, 17.3315

Details

The Yxy color **21.6720, 0.5140, 0.3130** 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 **60.4082, 0.2415, 0.3519**, and the grayscale version is **19.0455, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.1187, 0.4401, 0.3191**, and **8.0820, 0.5829, 0.2985** is the 20% darker color. If you saturate the color by 10%, you get **18.9256, 0.5584, 0.3143**, and if you desaturate by 10%, it is **25.5917, 0.4696, 0.3136**.

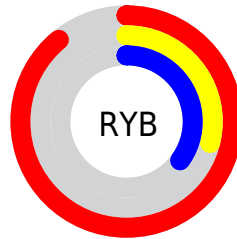
Distribution



Red (89%)

Green (29%)

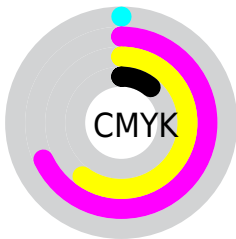
Blue (35%)



Red (89%)

Yellow (29%)

Blue (35%)

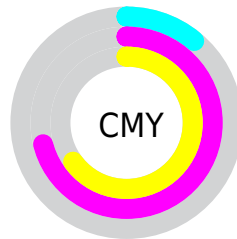


Cyan (0%)

Magenta (68%)

Yellow (60%)

Black (11%)



Cyan (11%)


Magenta (71%)

Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.6720, 0.5140, 0.3130 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 21.6720, 0.5140, 0.3130 by changing the saturation by 10% instead.


 21.6720, 0.5140,
0.3130


 21.6720, 0.5140,
0.3130


260.8286, 0.4009,
0.3282


 13.6161, 0.5456,
0.3059


 46.2033, 0.4702,
0.3207


 7.8541, 0.5876,
0.2945


 63.4474, 0.4545,
0.3229


 4.0018, 0.6447,
0.2750

 84.5231, 0.4416,
0.3245

 1.6745, 0.7510,
0.2490

 109.8148, 0.4308,
0.3257

 0.4071, 0.8503,
0.1497

 139.7067, 0.4216,
0.3266

 0.0000, 1.0000,
0.0000


174.5834, 0.4137,


 0.0000, 0.0000,


0.3273


0.0000


214.8292, 0.4069,
0.3278


 21.6720, 0.5140,
0.3130


 21.6720, 0.5140,
0.3130


 18.9256, 0.5584,
0.3143


 25.5917, 0.4696,
0.3136


 17.2178, 0.5970,
0.3178


 30.7926, 0.4293,
0.3154


 16.3727, 0.6239,
0.3228


 37.3746, 0.3948,
0.3181


 16.2374, 0.6286,
0.3236


 45.4266, 0.3662,
0.3210

 55.0301, 0.3431,
0.3240

 66.2607, 0.3245,
0.3269

 79.1889, 0.3095,
0.3296

 93.8812, 0.2975,
0.3321

 94.9069, 0.2952,
0.3289

Harmonies

Analogous

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



21.6720, 0.4194, 0.2469



21.6720, 0.5140, 0.3130



21.6720, 0.5337, 0.3864

Triad

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



21.6720, 0.5140, 0.3130



21.6720, 0.2908, 0.5352



21.6720, 0.1497, 0.1725

Complementary

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



21.6720, 0.5140, 0.3130



60.4082, 0.2415, 0.3519

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.



21.6720, 0.1300, 0.2096



21.6720, 0.5140, 0.3130



21.6720, 0.1988, 0.4302

Square

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



21.6720, 0.5140, 0.3130



21.6720, 0.3937, 0.5336



21.6720, 0.1440, 0.2959



21.6720, 0.2043, 0.1702

Rectangle

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



21.6720, 0.5140, 0.3130



21.6720, 0.5060, 0.4388



21.6720, 0.1440, 0.2959



21.6720, 0.1395, 0.1804

Sweetspot

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



21.6732, 0.5140, 0.3130



69.0818, 0.3483, 0.3233



23.6892, 0.3008, 0.1690



14.0072, 0.3547, 0.3225



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.



21.6732, 0.5140, 0.3130



23.8705, 0.5744, 0.3154



33.0589, 0.4832, 0.3918



13.7251, 0.3275, 0.3264



9.2731, 0.6262, 0.3223



0.6512, 0.5950, 0.3051

Inverse Universe

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



21.6732, 0.5140, 0.3130



23.8705, 0.5744, 0.3154



34.6744, 0.2137, 0.2441



13.7251, 0.3275, 0.3264



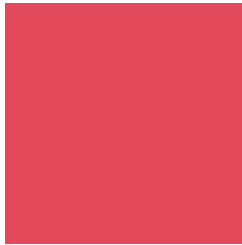
9.2731, 0.6262, 0.3223



0.6512, 0.5950, 0.3051

Previews

White Background



This preview shows how the Yxy color 21.6720, 0.5140, 0.3130 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 21.6720, 0.5140, 0.3130 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 21.6720, 0.5140, 0.3130

Background



This preview shows how black text looks on a background with the Yxy color 21.6720, 0.5140, 0.3130.



This preview shows how white text looks on a background with the Yxy color 21.6720, 0.5140, 0.3130.

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

21.6720, 0.5140, 0.3130

Protanopia

21.7445, 0.3345, 0.3523

Deuteranopia

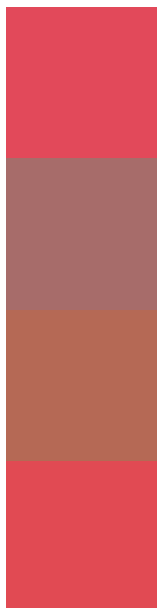
21.7437, 0.4031, 0.3962



Tritanopia

21.6042, 0.5275, 0.3258

Trichromacy



Original Color

21.6720, 0.5140, 0.3130

Protanomaly

19.9812, 0.3976, 0.3324

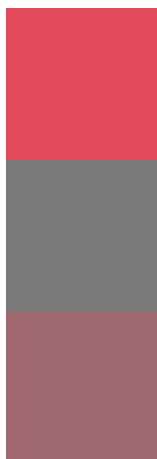
Deuteranomaly

20.5828, 0.4475, 0.3577

Tritanomaly

21.5296, 0.5227, 0.3209

Monochromacy



Original Color

21.6720, 0.5140, 0.3130

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.3973, 0.3830, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.6720, 0.5140, 0.3130 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(226, 73, 90)` looks like.

```
.text, #text, p{  
    color:rgb(226, 73, 90)  
}
```

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(226, 73, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 73, 90) }
```

Border

The CSS property to change the border of an element to Yxy 21.6720, 0.5140, 0.3130 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(226, 73, 90) }
```

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

```
.border{ border-color:rgb(226, 73, 90) }
```

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

Here you see how a box with a 4 pixel rgb(226, 73, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 73, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 73, 90);  
box-shadow:4px 4px 4px 4px rgb(226, 73,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 21.6720, 0.5140, 0.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 73, 90) }
```

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

```
.background{ background-color: rgb(226, 73,  
90) }
```

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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