

Converting Colors

$Yxy(17.5136, 0.5965, 0.3260)$

Have a look what the booklet for
Yxy(17.5136, 0.5965, 0.3260)
contains.

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Color

Yxy(17.4230, 0.5965, 0.3257)

Conversions

Conversions Part 1

Format	Color
Hex	E0262D
RGB	224, 38, 45
RGB Percent	88%, 15%, 18%
CMY	0.1215, 0.8510, 0.8236
CMYK	0.00, 0.83, 0.80, 0.12
HSL	358°, 75%, 51%
HSV	358°, 83%, 88%
XYZ	31.9092, 17.4230, 4.1618
YIQ	94.4120, 108.6090, 41.6090

Conversions

Conversions Part 2

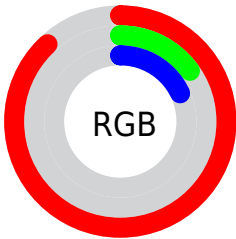
Format	Color
RYB	224, 38, 45
Decimal	14689837
CIELab	48.79, 68.24, 44.33
CIElCh	49, 81.381, 33.009
Yxy	17.4230, 0.5965, 0.3257
Android (android.graphics.Color)	4292879917 (0xFFE0262D)
YUV	94.4120, -24.3601, 113.6487
Hunter-Lab	41.7409, 63.4094, 23.3070

Details

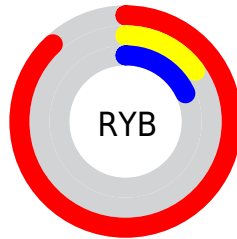
The Yxy color **17.4230, 0.5965, 0.3257** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **58.7392, 0.2303, 0.3383**, and the grayscale version is **11.3352, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.9333, 0.5130, 0.3404**, and **7.4736, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **16.2710, 0.6255, 0.3275**, and if you desaturate by 10%, it is **19.5221, 0.5549, 0.3246**.

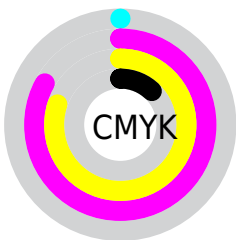
Distribution



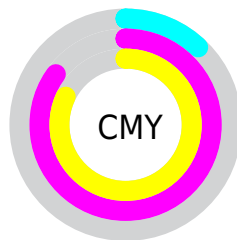
- Red (88%)
- Green (15%)
- Blue (18%)



- Red (88%)
- Yellow (15%)
- Blue (18%)



- Cyan (0%)
- Magenta (83%)
- Yellow (80%)
- Black (12%)




- Cyan (12%)
- Magenta (85%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.4230, 0.5965, 0.3257 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 17.4230, 0.5965, 0.3257 by changing the saturation by 10% instead.


 17.4230, 0.5965,
0.3257


 17.4230, 0.5965,
0.3257


237.5983, 0.4383,
0.3443


 10.5365, 0.6364,
0.3127


 39.0516, 0.5372,
0.3382


 5.7561, 0.6889,
0.2923

 54.5626, 0.5152,
0.3411


 2.6974, 0.7454,
0.2546

 73.7172, 0.4969,
0.3428

 0.9759, 0.8070,
0.1930

 96.8998, 0.4814,
0.3437

 0.0000, 1.0000,
0.0000

 124.4948, 0.4682,
0.3442

 0.0000, 0.0000,
0.0000

 156.8867, 0.4568,

0.3444

194.4597, 0.4470,
0.3444

■ 17.4230, 0.5965,
0.3257

■ 17.4230, 0.5965,
0.3257

■ 16.2710, 0.6255,
0.3275

■ 19.5221, 0.5549,
0.3246

■ 15.8672, 0.6370,
0.3283

■ 22.7108, 0.5079,
0.3242


■ 27.1110, 0.4620,
0.3244


■ 32.8278, 0.4210,
0.3250

■ 39.9546, 0.3865,
0.3259

 48.5765, 0.3583,
0.3269

 58.7718, 0.3356,
0.3278

 70.6135, 0.3175,
0.3287

 84.1698, 0.3030,
0.3296

Harmonies

Analogous

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



17.4230, 0.5095, 0.2491



17.4230, 0.5965, 0.3257



17.4230, 0.5686, 0.4122

Triad

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



17.4230, 0.5965, 0.3257



17.4230, 0.2252, 0.5840



17.4230, 0.1307, 0.1314

Complementary

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



17.4230, 0.5965, 0.3257



58.7392, 0.2303, 0.3383

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.



17.4230, 0.0955, 0.1537



17.4230, 0.5965, 0.3257



17.4230, 0.1325, 0.3910

Square

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



17.4230, 0.5965, 0.3257



17.4230, 0.3472, 0.6135



17.4230, 0.0937, 0.2284



17.4230, 0.2103, 0.1422

Rectangle

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



17.4230, 0.5965, 0.3257



17.4230, 0.5101, 0.4834



17.4230, 0.0937, 0.2284



17.4230, 0.1149, 0.1347

Sweetspot

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



17.4241, 0.5965, 0.3257



62.5098, 0.3638, 0.3267



21.1713, 0.3103, 0.1561



12.4869, 0.3736, 0.3263



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.



17.4241, 0.5965, 0.3257



21.2810, 0.6374, 0.3285



29.8347, 0.5177, 0.4063



13.7088, 0.3286, 0.3282



9.2388, 0.6359, 0.3277



0.6434, 0.6238, 0.3210

Inverse Universe

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



17.4241, 0.5965, 0.3257



21.2810, 0.6374, 0.3285



24.6393, 0.1935, 0.2014



13.7088, 0.3286, 0.3282



9.2388, 0.6359, 0.3277



0.6434, 0.6238, 0.3210

Previews

White Background



This preview shows how the Yxy color 17.4230, 0.5965, 0.3257 looks on a white 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

Black Background



This preview shows how the Yxy color 17.4230, 0.5965, 0.3257 looks on a black 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

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

Yxy 17.4230, 0.5965, 0.3257

Background



This preview shows how black text looks on a background with the Yxy color 17.4230, 0.5965, 0.3257.



This preview shows how white text looks on a background with the Yxy color 17.4230, 0.5965, 0.3257.

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

17.4230, 0.5965, 0.3257

Protanopia

17.7051, 0.3899, 0.4249

Deuteranopia

17.6606, 0.4573, 0.4502



Tritanopia

17.4383, 0.6028, 0.3304

Trichromacy



Original Color

17.4230, 0.5965, 0.3257

Protanomaly

15.0715, 0.4801, 0.3738

Deuteranomaly

15.5760, 0.5261, 0.3874

Tritanomaly

17.4584, 0.6000, 0.3287

Monochromacy



Original Color

17.4230, 0.5965, 0.3257

Achromatopsia

11.1932, 0.3127, 0.3290

Achromatomaly

11.0821, 0.4332, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.4230, 0.5965, 0.3257 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(224, 38, 45)` looks like.

```
.text, #text, p{  
    color:rgb(224, 38, 45)  
}
```

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(224, 38, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 38, 45) }
```

Border

The CSS property to change the border of an element to Yxy 17.4230, 0.5965, 0.3257 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(224, 38, 45) }
```

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

```
.border{ border-color:rgb(224, 38, 45) }
```

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

Here you see how a box with a 4 pixel rgb(224, 38, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 38, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 38, 45);  
box-shadow:4px 4px 4px 4px rgb(224, 38,  
45) }
```


Background

The CSS property to change the background color of an element to Yxy 17.4230, 0.5965, 0.3257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 38, 45) }
```

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

```
.background{ background-color: rgb(224, 38,  
45) }
```

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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