

Converting Colors

$Yxy(17.6475, 0.5647, 0.3241)$

Have a look what the booklet for
Yxy(17.6475, 0.5647, 0.3241)
contains.

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Color

Yxy(17.6242, 0.5646, 0.3241)

Conversions

Conversions Part 1

Format	Color
Hex	D9353C
RGB	217, 53, 60
RGB Percent	85%, 21%, 24%
CMY	0.1490, 0.7921, 0.7649
CMYK	0.00, 0.76, 0.72, 0.15
HSL	357°, 68%, 53%
HSV	357°, 76%, 85%
XYZ	30.7023, 17.6242, 6.0524
YIQ	102.8340, 95.4970, 36.9450

Conversions

Conversions Part 2

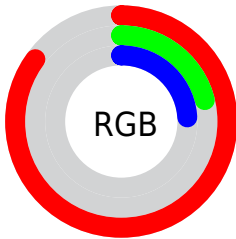
Format	Color
RYB	217, 53, 60
Decimal	14234940
CIELab	49.04, 62.74, 35.80
CIELCh	49, 72.234, 29.714
Yxy	17.6242, 0.5646, 0.3241
Android (android.graphics.Color)	4292425020 (0xFFD9353C)
YUV	102.8340, -21.1172, 100.1236
Hunter-Lab	41.9812, 57.0763, 20.8391

Details

The Yxy color **17.6242, 0.5646, 0.3241** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **55.0375, 0.2332, 0.3385**, and the grayscale version is **13.5572, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.1530, 0.4880, 0.3343**, and **6.9105, 0.6247, 0.3215** is the 20% darker color. If you saturate the color by 10%, you get **15.8957, 0.6038, 0.3256**, and if you desaturate by 10%, it is **20.3360, 0.5184, 0.3235**.

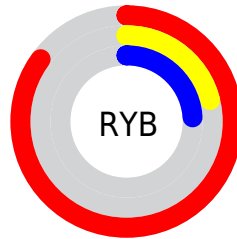
Distribution



Red (85%)

Green (21%)

Blue (24%)



Red (85%)

Yellow (21%)

Blue (24%)

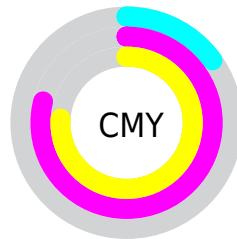


Cyan (0%)

Magenta (76%)

Yellow (72%)

Black (15%)



Cyan (15%)


Magenta (79%)


Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.6242, 0.5646, 0.3241 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 17.6242, 0.5646, 0.3241 by changing the saturation by 10% instead.


 17.6242, 0.5646,
0.3241


 17.6242, 0.5646,
0.3241


238.7442, 0.4215,
0.3388


 10.6805, 0.6034,
0.3140


 39.3959, 0.5095,
0.3337


 5.8524, 0.6529,
0.2965

 54.9928, 0.4896,
0.3359

 2.7556, 0.7294,
0.2706

 74.2428, 0.4731,
0.3373

 1.0055, 0.7898,
0.2102

 97.5303, 0.4594,
0.3381

 0.0000, 1.0000,
0.0000

 125.2399, 0.4477,
0.3385

 0.0000, 0.0000,
0.0000

 157.7558, 0.4377,

0.3388

195.4624, 0.4291,
0.3388

■ 17.6242, 0.5646,
0.3241

■ 17.6242, 0.5646,
0.3241

■ 15.8957, 0.6038,
0.3256

■ 20.3360, 0.5184,
0.3235

■ 15.0050, 0.6295,
0.3276

■ 24.1441, 0.4720,
0.3236

■ 14.7712, 0.6364,
0.3280

■ 29.1495, 0.4298,
0.3243

■ 35.4411, 0.3940,
0.3252

■ 43.0991, 0.3645,
0.3263

■ 52.1975, 0.3407,
0.3274

■ 62.8046, 0.3216,
0.3285

■ 74.9847, 0.3064,
0.3294

■ 88.7981, 0.2941,
0.3303

Harmonies

Analogous

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



17.6242, 0.4739, 0.2506



17.6242, 0.5646, 0.3241



17.6242, 0.5560, 0.4055

Triad

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



17.6242, 0.5646, 0.3241



17.6242, 0.2507, 0.5612



17.6242, 0.1395, 0.1474

Complementary

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



17.6242, 0.5646, 0.3241



55.0375, 0.2332, 0.3385

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.



17.6242, 0.1092, 0.1745



17.6242, 0.5646, 0.3241



17.6242, 0.1576, 0.4053

Square

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



17.6242, 0.5646, 0.3241



17.6242, 0.3659, 0.5801



17.6242, 0.1127, 0.2535



17.6242, 0.2100, 0.1540

Rectangle

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



17.6242, 0.5646, 0.3241



17.6242, 0.5080, 0.4670



17.6242, 0.1127, 0.2535



17.6242, 0.1255, 0.1521

Sweetspot

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



17.6253, 0.5646, 0.3241



65.0135, 0.3584, 0.3266



21.0837, 0.3110, 0.1638



12.9660, 0.3679, 0.3262



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.



17.6253, 0.5646, 0.3241



21.9793, 0.6218, 0.3268



30.1384, 0.4962, 0.4061



13.0604, 0.3285, 0.3281



8.9460, 0.6353, 0.3273



0.5828, 0.6210, 0.3195

Inverse Universe

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



17.6253, 0.5646, 0.3241



21.9793, 0.6218, 0.3268



25.4747, 0.2010, 0.2147



13.0604, 0.3285, 0.3281



8.9460, 0.6353, 0.3273



0.5828, 0.6210, 0.3195

Previews

White Background



This preview shows how the Yxy color 17.6242, 0.5646, 0.3241 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 17.6242, 0.5646, 0.3241 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 17.6242, 0.5646, 0.3241

Background



This preview shows how black text looks on a background with the Yxy color 17.6242, 0.5646, 0.3241.



This preview shows how white text looks on a background with the Yxy color 17.6242, 0.5646, 0.3241.

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

17.6242, 0.5646, 0.3241

Protanopia

17.8438, 0.3695, 0.3963

Deuteranopia

17.6189, 0.4372, 0.4294



Tritanopia

17.6659, 0.5703, 0.3290

Trichromacy



Original Color

17.6242, 0.5646, 0.3241

Protanomaly

15.9734, 0.4462, 0.3611

Deuteranomaly

16.2366, 0.4926, 0.3788

Tritanomaly

17.6855, 0.5677, 0.3273

Monochromacy



Original Color

17.6242, 0.5646, 0.3241

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

13.1144, 0.4091, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.6242, 0.5646, 0.3241 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(217, 53, 60)` looks like.

```
.text, #text, p{  
    color:rgb(217, 53, 60)  
}
```

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(217, 53, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 53, 60) }
```

Border

The CSS property to change the border of an element to Yxy 17.6242, 0.5646, 0.3241 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(217, 53, 60) }
```

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

```
.border{ border-color:rgb(217, 53, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 53, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 53, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 53, 60);  
box-shadow:4px 4px 4px 4px rgb(217, 53,  
60) }
```


Background

The CSS property to change the background color of an element to Yxy 17.6242, 0.5646, 0.3241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 53, 60) }
```

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

```
.background{ background-color: rgb(217, 53,  
60) }
```

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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