

Converting Colors

$Yxy(19.2966, 0.5588, 0.3297)$

Have a look what the booklet for
Yxy(19.2966, 0.5588, 0.3297)
contains.

Yxy(19.3226, 0.5583, 0.3297)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(19.3226, 0.5583, 0.3297)

Conversions

Conversions Part 1

Format	Color
Hex	DE3E3E
RGB	222, 62, 62
RGB Percent	87%, 24%, 24%
CMY	0.1294, 0.7569, 0.7568
CMYK	0.00, 0.72, 0.72, 0.13
HSL	360°, 71%, 56%
HSV	360°, 72%, 87%
XYZ	32.7201, 19.3226, 6.5639
YIQ	109.8400, 95.3600, 33.9200

Conversions

Conversions Part 2

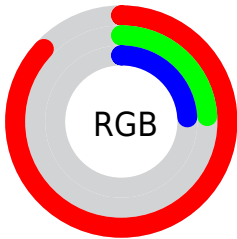
Format	Color
RYB	222, 62, 62
Decimal	14564926
CIELab	51.06, 61.36, 37.20
CIELCh	51, 71.760, 31.228
Yxy	19.3226, 0.5583, 0.3297
Android (android.graphics.Color)	4292755006 (0xFFDE3E3E)
YUV	109.8400, -23.5851, 98.3643
Hunter-Lab	43.9575, 55.9422, 21.9168

Details

The Yxy color **19.3226, 0.5583, 0.3297** 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 **58.5477, 0.2319, 0.3288**, and the grayscale version is **15.5921, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.8187, 0.4809, 0.3393**, and **7.4179, 0.6235, 0.3208** is the 20% darker color. If you saturate the color by 10%, you get **17.1871, 0.5999, 0.3298**, and if you desaturate by 10%, it is **22.5453, 0.5105, 0.3296**.

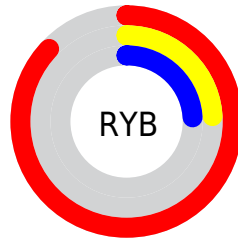
Distribution



Red (87%)

Green (24%)

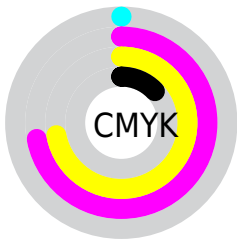
Blue (24%)



Red (87%)

Yellow (24%)

Blue (24%)

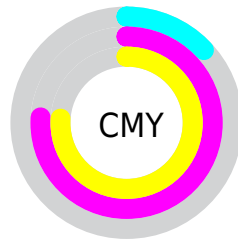


Cyan (0%)

Magenta (72%)

Yellow (72%)

Black (13%)



Cyan (13%)


Magenta (76%)

Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.3226, 0.5583, 0.3297 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 19.3226, 0.5583, 0.3297 by changing the saturation by 10% instead.


 19.3226, 0.5583,
0.3297


 19.3226, 0.5583,
0.3297


248.2240, 0.4206,
0.3411


 11.9036, 0.5950,
0.3209


 42.2785, 0.5057,
0.3378


 6.6781, 0.6417,
0.3055


 58.5842, 0.4866,
0.3395

 3.2616, 0.7159,
0.2841

 78.6210, 0.4707,
0.3405

 1.2698, 0.7716,
0.2284

 102.7731, 0.4574,
0.3411

 0.1176, 0.9407,
0.0593

 131.4251, 0.4461,
0.3413

 0.0000, 1.0000,
0.0000


 164.9613, 0.4364,


 0.0000, 0.0000,


0.3413


0.0000


203.7661, 0.4279,
0.3412


 19.3226, 0.5583,
0.3297


 19.3226, 0.5583,
0.3297

 17.1871, 0.5999,
0.3298


 22.5453, 0.5105,
0.3296

 15.9936, 0.6280,
0.3299


 26.9698, 0.4635,
0.3294

 15.5320, 0.6401,
0.3300


 32.6997, 0.4216,
0.3293


 39.8267, 0.3863,
0.3292

 48.4343, 0.3575,
0.3291

 58.5994, 0.3345,
0.3291

 70.3935, 0.3161,
0.3290

 83.8838, 0.3013,
0.3290

 94.2720, 0.2929,
0.3289

Harmonies

Analogous

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



19.3226, 0.4746, 0.2568



19.3226, 0.5583, 0.3297



19.3226, 0.5473, 0.4104

Triad

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



19.3226, 0.5583, 0.3297



19.3226, 0.2487, 0.5462



19.3226, 0.1463, 0.1515

Complementary

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



19.3226, 0.5583, 0.3297



58.5477, 0.2319, 0.3288

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.



19.3226, 0.1147, 0.1768



19.3226, 0.5583, 0.3297



19.3226, 0.1592, 0.3942

Square

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



19.3226, 0.5583, 0.3297



19.3226, 0.3611, 0.5743



19.3226, 0.1168, 0.2513



19.3226, 0.2179, 0.1594

Rectangle

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



19.3226, 0.5583, 0.3297



19.3226, 0.4999, 0.4705



19.3226, 0.1168, 0.2513



19.3226, 0.1319, 0.1558

Sweetspot

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



19.3237, 0.5583, 0.3297



66.1801, 0.3578, 0.3291



23.8327, 0.3172, 0.1709



13.4329, 0.3650, 0.3291



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.



19.3237, 0.5583, 0.3297



22.6294, 0.6148, 0.3299



34.4417, 0.4806, 0.4110



13.7006, 0.3292, 0.3290



9.2243, 0.6401, 0.3300



0.6394, 0.6400, 0.3299

Inverse Universe

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



19.3237, 0.5583, 0.3297



22.6294, 0.6148, 0.3299



26.4480, 0.2026, 0.2123



13.7006, 0.3292, 0.3290



9.2243, 0.6401, 0.3300



0.6394, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 19.3226, 0.5583, 0.3297 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 19.3226, 0.5583, 0.3297 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 19.3226, 0.5583, 0.3297

Background



This preview shows how black text looks on a background with the Yxy color 19.3226, 0.5583, 0.3297.



This preview shows how white text looks on a background with the Yxy color 19.3226, 0.5583, 0.3297.

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

19.3226, 0.5583, 0.3297

Protanopia

19.4491, 0.3721, 0.4012

Deuteranopia

19.4141, 0.4386, 0.4297



Tritanopia

19.3450, 0.5557, 0.3280

Trichromacy



Original Color

19.3226, 0.5583, 0.3297

Protanomaly

17.6217, 0.4456, 0.3679

Deuteranomaly

17.9984, 0.4897, 0.3827

Tritanomaly

19.3337, 0.5570, 0.3289

Monochromacy



Original Color

19.3226, 0.5583, 0.3297

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

15.1983, 0.4041, 0.3293

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.3226, 0.5583, 0.3297 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(222, 62, 62)` looks like.

```
.text, #text, p{  
    color:rgb(222, 62, 62)  
}
```

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(222, 62, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 62, 62) }
```

Border

The CSS property to change the border of an element to Yxy 19.3226, 0.5583, 0.3297 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(222, 62, 62) }
```

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

```
.border{ border-color:rgb(222, 62, 62) }
```

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

Here you see how a box with a 4 pixel rgb(222, 62, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 62, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 62, 62);  
box-shadow:4px 4px 4px 4px rgb(222, 62,  
62) }
```


Background

The CSS property to change the background color of an element to Yxy 19.3226, 0.5583, 0.3297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 62, 62) }
```

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

```
.background{ background-color: rgb(222, 62,  
62) }
```

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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