

Converting Colors

$Yxy(20.4638, 0.5548, 0.3375)$

Have a look what the booklet for
Yxy(20.4638, 0.5548, 0.3375)
contains.

Yxy(20.5645, 0.5542, 0.3374)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(20.5645, 0.5542, 0.3374)

Conversions

Conversions Part 1

Format	Color
Hex	E0463D
RGB	224, 70, 61
RGB Percent	88%, 27%, 24%
CMY	0.1215, 0.7256, 0.7607
CMYK	0.00, 0.69, 0.73, 0.12
HSL	3°, 72%, 56%
HSV	3°, 73%, 88%
XYZ	33.7784, 20.5645, 6.6070
YIQ	115.0200, 94.6730, 29.8490

Conversions

Conversions Part 2

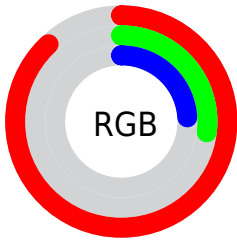
Format	Color
R_{YB}	224, 71, 61
Decimal	14698045
CIE _{Lab}	52.47, 59.04, 39.46
CIE _{LCh}	52, 71.009, 33.758
Yxy	20.5645, 0.5542, 0.3374
Android (android.graphics.Color)	4292888125 (0xFFE0463D)
YUV	115.0200, -26.6319, 95.5755
Hunter-Lab	45.3481, 53.6001, 23.1054

Details

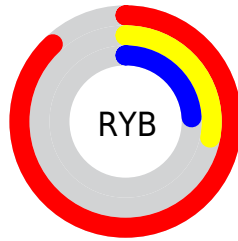
The Yxy color **20.5645, 0.5542, 0.3374** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **55.0091, 0.2285, 0.3166**, and the grayscale version is **17.2103, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.5429, 0.4771, 0.3472**, and **7.6175, 0.6261, 0.3223** is the 20% darker color. If you saturate the color by 10%, you get **18.1754, 0.5955, 0.3361**, and if you desaturate by 10%, it is **23.9899, 0.5077, 0.3376**.

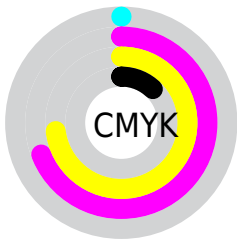
Distribution



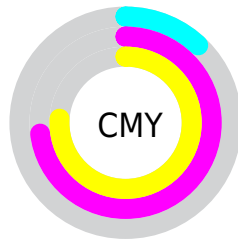
- Red (88%)
- Green (27%)
- Blue (24%)



- Red (88%)
- Yellow (28%)
- Blue (24%)



- Cyan (0%)
- Magenta (69%)
- Yellow (73%)
- Black (12%)



- Cyan (12%)
- Magenta (73%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.5645, 0.5542, 0.3374 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 20.5645, 0.5542, 0.3374 by changing the saturation by 10% instead.


 20.5645, 0.5542,
0.3374


 20.5645, 0.5542,
0.3374


254.9549, 0.4202,
0.3447


 12.8060, 0.5893,
0.3298


 44.3616, 0.5035,
0.3440

 7.2951, 0.6335,
0.3159


 61.1690, 0.4849,
0.3452


 3.6473, 0.7033,
0.2967

 81.7616, 0.4694,
0.3457

 1.4783, 0.7554,
0.2446

 106.5237, 0.4564,
0.3458

 0.2734, 0.8811,
0.1189

 135.8396, 0.4453,
0.3457

 0.0000, 1.0000,
0.0000

 170.0939, 0.4358,

 0.0000, 0.0000,

0.3455

0.0000

209.6709, 0.4275,
0.3451

■ 20.5645, 0.5542,
0.3374

■ 20.5645, 0.5542,
0.3374

■ 18.1754, 0.5955,
0.3361

■ 23.9899, 0.5077,
0.3376

■ 16.7022, 0.6246,
0.3339

■ 28.5473, 0.4622,
0.3368

■ 16.1213, 0.6369,
0.3325


■ 34.3257, 0.4215,
0.3356

■ 41.4042, 0.3870,
0.3340

■ 49.8552, 0.3586,
0.3324

 59.7459, 0.3357,
0.3308

 71.1389, 0.3172,
0.3294

 84.0933, 0.3022,
0.3280

 94.5907, 0.2941,
0.3289

Harmonies

Analogous

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



20.5645, 0.4798, 0.2647



20.5645, 0.5542, 0.3374



20.5645, 0.5378, 0.4178

Triad

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



20.5645, 0.5542, 0.3374



20.5645, 0.2426, 0.5294



20.5645, 0.1543, 0.1549

Complementary

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



20.5645, 0.5542, 0.3374



55.0091, 0.2285, 0.3166

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.



20.5645, 0.1200, 0.1770



20.5645, 0.5542, 0.3374



20.5645, 0.1580, 0.3788

Square

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



20.5645, 0.5542, 0.3374



20.5645, 0.3523, 0.5701



20.5645, 0.1195, 0.2455



20.5645, 0.2285, 0.1650

Rectangle

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



20.5645, 0.5542, 0.3374



20.5645, 0.4896, 0.4767



20.5645, 0.1195, 0.2455



20.5645, 0.1389, 0.1582

Sweetspot

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



20.5657, 0.5542, 0.3374



67.6120, 0.3571, 0.3323



24.1418, 0.3291, 0.1774



13.7621, 0.3642, 0.3328



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.



20.5657, 0.5542, 0.3374



23.2736, 0.6115, 0.3351



38.2156, 0.4714, 0.4229



13.8207, 0.3291, 0.3303



9.4342, 0.6359, 0.3333



0.6972, 0.6240, 0.3428

Inverse Universe

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



55.0091, 0.2285, 0.3166



71.5322, 0.2223, 0.3138



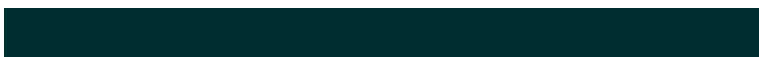
23.5290, 0.1975, 0.1940



15.4365, 0.2982, 0.3277



30.5072, 0.2200, 0.3118



2.1546, 0.2207, 0.3146

Previews

White Background



This preview shows how the Yxy color 20.5645, 0.5542, 0.3374 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 20.5645, 0.5542, 0.3374 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 20.5645, 0.5542, 0.3374

Background



This preview shows how black text looks on a background with the Yxy color 20.5645, 0.5542, 0.3374.



This preview shows how white text looks on a background with the Yxy color 20.5645, 0.5542, 0.3374.

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

20.5645, 0.5542, 0.3374

Protanopia

20.8193, 0.3797, 0.4111

Deuteranopia

20.7399, 0.4399, 0.4340



Tritanopia

20.4494, 0.5418, 0.3261

Trichromacy



Original Color

20.5645, 0.5542, 0.3374

Protanomaly

19.2241, 0.4476, 0.3787

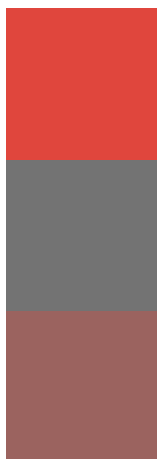
Deuteranomaly

19.6023, 0.4879, 0.3904

Tritanomaly

20.5209, 0.5463, 0.3306

Monochromacy



Original Color

20.5645, 0.5542, 0.3374

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

16.7185, 0.4028, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.5645, 0.5542, 0.3374 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, 70, 61)` looks like.

```
.text, #text, p{  
  color:rgb(224, 70, 61)  
}
```

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, 70, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 70, 61) }
```

Border

The CSS property to change the border of an element to Yxy 20.5645, 0.5542, 0.3374 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, 70, 61) }
```

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

```
.border{ border-color:rgb(224, 70, 61) }
```

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

Here you see how a box with a 4 pixel rgb(224, 70, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 70, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 70, 61);  
box-shadow:4px 4px 4px 4px rgb(224, 70,  
61) }
```


Background

The CSS property to change the background color of an element to Yxy 20.5645, 0.5542, 0.3374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 70, 61) }
```

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

```
.background{ background-color: rgb(224, 70,  
61) }
```

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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