

Converting Colors

$Y_{xy}(17.0004, 0.4969, 0.3468)$

Have a look what the booklet for
Yxy(17.0004, 0.4969, 0.3468)
contains.

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Color

Yxy(17.0553, 0.4972, 0.3473)

Conversions

Conversions Part 1

Format	Color
Hex	BA5345
RGB	186, 83, 69
RGB Percent	73%, 33%, 27%
CMY	0.2706, 0.6745, 0.7294
CMYK	0.00, 0.55, 0.63, 0.27
HSL	7°, 46%, 50%
HSV	7°, 63%, 73%
XYZ	24.4166, 17.0553, 7.6363
YIQ	112.2010, 65.8820, 17.4820

Conversions

Conversions Part 2

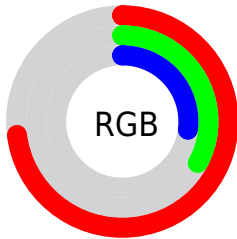
Format	Color
R_{YB}	186, 85, 69
Decimal	12211013
CIE _{Lab}	48.33, 40.56, 28.44
CIE _{LCh}	48, 49.538, 35.030
Yxy	17.0553, 0.4972, 0.3473
Android (android.graphics.Color)	4290401093 (0xFFBA5345)
YUV	112.2010, -21.2981, 64.7217
Hunter-Lab	41.2981, 33.2628, 17.9455

Details

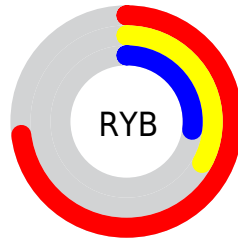
The Yxy color **17.0553, 0.4972, 0.3473** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **34.3132, 0.2326, 0.3061**, and the grayscale version is **16.3157, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.4101, 0.4547, 0.3473**, and **5.5622, 0.5716, 0.3376** is the 20% darker color. If you saturate the color by 10%, you get **14.6435, 0.5414, 0.3474**, and if you desaturate by 10%, it is **20.1330, 0.4547, 0.3456**.

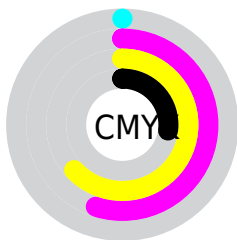
Distribution



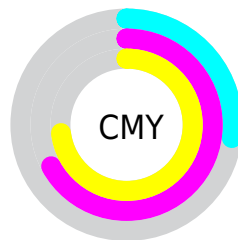
- Red (73%)
- Green (33%)
- Blue (27%)



- Red (73%)
- Yellow (33%)
- Blue (27%)



- Cyan (0%)
- Magenta (55%)
- Yellow (63%)
- Black (27%)





- Cyan (27%)
- Magenta (67%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.0553, 0.4972, 0.3473 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 17.0553, 0.4972, 0.3473 by changing the saturation by 10% instead.


 17.0553, 0.4972,
0.3473


 17.0553, 0.4972,
0.3473


235.4909, 0.3900,
0.3435


 10.2739, 0.5288,
0.3445


 38.4208, 0.4545,
0.3482

 5.5810, 0.5715,
0.3375

 53.7738, 0.4396,
0.3477


 2.5920, 0.6443,
0.3277

 72.7527, 0.4274,
0.3471

 0.9226, 0.7171,
0.2829

 95.7420, 0.4173,
0.3463

 0.0000, 1.0000,
0.0000

 123.1261, 0.4089,
0.3456

 0.0000, 0.0000,
0.0000

155.2893, 0.4016,

0.3449

192.6161, 0.3954,
0.3442

■ 17.0553, 0.4972,
0.3473

■ 17.0553, 0.4972,
0.3473

■ 14.6435, 0.5414,
0.3474

■ 20.1330, 0.4547,
0.3456

■ 12.8455, 0.5823,
0.3454

■ 23.9181, 0.4168,
0.3428

■ 11.6059, 0.6140,
0.3411

■ 28.4519, 0.3844,
0.3396

■ 11.0224, 0.6299,
0.3380

■ 33.7720, 0.3574,
0.3362

■ 39.9131, 0.3353,
0.3329

■ 46.9080, 0.3173,
0.3298

■ 54.7877, 0.3026,
0.3270

■ 63.5818, 0.2905,
0.3244

■ 73.3181, 0.2805,
0.3221

Harmonies

Analogous

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



17.0553, 0.4414, 0.2841



17.0553, 0.4972, 0.3473



17.0553, 0.4902, 0.4147

Triad

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



17.0553, 0.4972, 0.3473



17.0553, 0.2613, 0.4670



17.0553, 0.1886, 0.1894

Complementary

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



17.0553, 0.4972, 0.3473



34.3132, 0.2326, 0.3061

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.



17.0553, 0.1575, 0.2096



17.0553, 0.4972, 0.3473



17.0553, 0.1920, 0.3637

Square

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



17.0553, 0.4972, 0.3473



17.0553, 0.3497, 0.5089



17.0553, 0.1577, 0.2666



17.0553, 0.2524, 0.1981

Rectangle

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



17.0553, 0.4972, 0.3473



17.0553, 0.4562, 0.4584



17.0553, 0.1577, 0.2666



17.0553, 0.1747, 0.1926

Sweetspot

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



17.0562, 0.4972, 0.3473



65.0323, 0.3490, 0.3350



17.6876, 0.3370, 0.1997



13.6434, 0.3557, 0.3360



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



17.0562, 0.4972, 0.3473



25.3349, 0.5557, 0.3470



29.9624, 0.4371, 0.4243



9.1808, 0.3285, 0.3318



7.4760, 0.6284, 0.3392



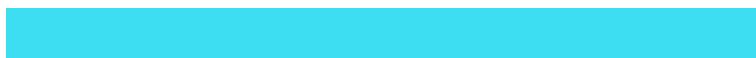
0.3205, 0.5927, 0.3676

Inverse Universe

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



34.3132, 0.2326, 0.3061



58.8557, 0.2231, 0.3006



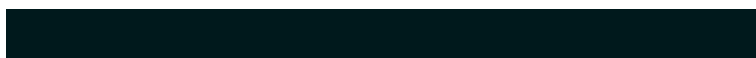
16.8119, 0.2089, 0.2028



10.0222, 0.2985, 0.3262



20.2573, 0.2143, 0.2913



0.7663, 0.2172, 0.3019

Previews

White Background



This preview shows how the Yxy color 17.0553, 0.4972, 0.3473 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 17.0553, 0.4972, 0.3473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

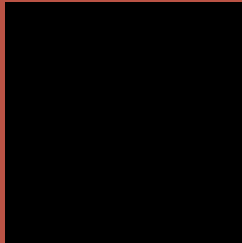
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.0553, 0.4972, 0.3473

Background



This preview shows how black text looks on a background with the Yxy color 17.0553, 0.4972, 0.3473.



This preview shows how white text looks on a background with the Yxy color 17.0553, 0.4972, 0.3473.

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

17.0553, 0.4972, 0.3473

Protanopia

17.1557, 0.3664, 0.3937

Deuteranopia

17.1847, 0.4172, 0.4100



Tritanopia

17.1215, 0.4737, 0.3229

Trichromacy



Original Color

17.0553, 0.4972, 0.3473

Protanomaly

16.4394, 0.4151, 0.3745

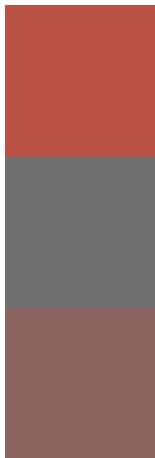
Deuteranomaly

16.6758, 0.4473, 0.3836

Tritanomaly

17.1786, 0.4825, 0.3321

Monochromacy



Original Color

17.0553, 0.4972, 0.3473

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

15.6409, 0.3767, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.0553, 0.4972, 0.3473 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(186, 83, 69)` looks like.

```
.text, #text, p{  
  color:rgb(186, 83, 69)  
}
```

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(186, 83, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 83, 69) }
```

Border

The CSS property to change the border of an element to Yxy 17.0553, 0.4972, 0.3473 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(186, 83, 69) }
```

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

```
.border{ border-color:rgb(186, 83, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 83, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 83, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 83, 69);  
box-shadow:4px 4px 4px 4px rgb(186, 83,  
69) }
```


Background

The CSS property to change the background color of an element to Yxy 17.0553, 0.4972, 0.3473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 83, 69) }
```

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

```
.background{ background-color: rgb(186, 83,  
69) }
```

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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