

Converting Colors

$Y_{xy}(17.6554, 0.4812, 0.3621)$

Have a look what the booklet for
Yxy(17.6554, 0.4812, 0.3621)
contains.

Yxy(17.6554, 0.4812, 0.3621)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(17.6554, 0.4812, 0.3621)

Conversions

Conversions Part 1

Format	Color
Hex	B35C44
RGB	179, 92, 68
RGB Percent	70%, 36%, 27%
CMY	0.2980, 0.6392, 0.7333
CMYK	0.00, 0.49, 0.62, 0.30
HSL	13°, 45%, 48%
HSV	13°, 62%, 70%
XYZ	23.4625, 17.6554, 7.6404
YIQ	115.2770, 59.5560, 10.9800

Conversions

Conversions Part 2

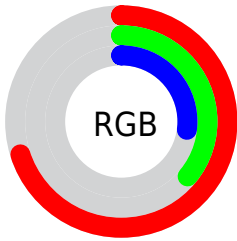
Format	Color
R_{YB}	179, 99, 68
Decimal	11754564
CIE _{Lab}	49.08, 33.15, 29.71
CIE _{LCh}	49, 44.516, 41.860
Yxy	17.6554, 0.4812, 0.3621
Android (android.graphics.Color)	4289944644 (0xFFB35C44)
YUV	115.2770, -23.3076, 55.8851
Hunter-Lab	42.0183, 26.1401, 18.6318

Details

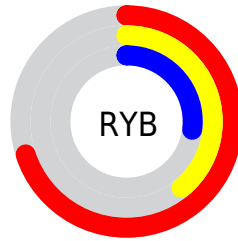
The Yxy color **17.6554, 0.4812, 0.3621** is a dark color, and the websafe version is hex **CC6666**, and the color name is **spicy red-brown (karacha)**. A complement of this color would be **27.9307, 0.2292, 0.2878**, and the grayscale version is **17.2920, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.5816, 0.4424, 0.3590**, and **5.8586, 0.5469, 0.3595** is the 20% darker color. If you saturate the color by 10%, you get **15.2602, 0.5216, 0.3636**, and if you desaturate by 10%, it is **20.5695, 0.4429, 0.3583**.

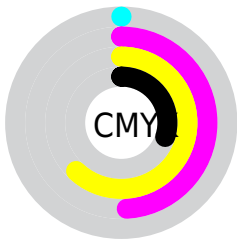
Distribution



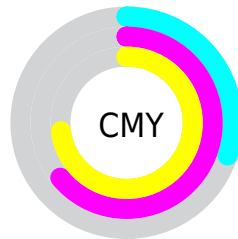
- Red (70%)
- Green (36%)
- Blue (27%)



- Red (70%)
- Yellow (39%)
- Blue (27%)



- Cyan (0%)
- Magenta (49%)
- Yellow (62%)
- Black (30%)




- Cyan (30%)
- Magenta (64%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.6554, 0.4812, 0.3621 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 17.6554, 0.4812, 0.3621 by changing the saturation by 10% instead.


 17.6554, 0.4812,
0.3621


 17.6554, 0.4812,
0.3621


238.9215, 0.3838,
0.3492


 10.7029, 0.5097,
0.3623


 39.4493, 0.4426,
0.3591


 5.8674, 0.5482,
0.3595

 55.0594, 0.4290,
0.3574

 2.7646, 0.6146,
0.3567

 74.3241, 0.4179,
0.3557

 1.0101, 0.6796,
0.3204

 97.6279, 0.4088,
0.3542

 0.0000, 1.0000,
0.0000

 125.3552, 0.4010,
0.3528

 0.0000, 0.0000,
0.0000

157.8902, 0.3944,

0.3515

195.6175, 0.3887,
0.3503

■ 17.6554, 0.4812,
0.3621

■ 17.6554, 0.4812,
0.3621

■ 15.2602, 0.5216,
0.3636

■ 20.5695, 0.4429,
0.3583

■ 13.3498, 0.5605,
0.3618

■ 24.0281, 0.4086,
0.3531

■ 11.8904, 0.5935,
0.3562

■ 28.0585, 0.3790,
0.3472

■ 11.0159, 0.6143,
0.3505

■ 32.6854, 0.3540,
0.3413

■ 37.9318, 0.3332,
0.3355

■ 43.8198, 0.3158,
0.3300

■ 50.3700, 0.3014,
0.3250

■ 57.6025, 0.2894,
0.3204

■ 65.5361, 0.2794,
0.3162

Harmonies

Analogous

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



17.6554, 0.4429, 0.3022



17.6554, 0.4812, 0.3621



17.6554, 0.4651, 0.4234

Triad

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



17.6554, 0.4812, 0.3621



17.6554, 0.2514, 0.4319



17.6554, 0.2110, 0.2016

Complementary

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



17.6554, 0.4812, 0.3621



27.9307, 0.2292, 0.2878

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.



17.6554, 0.1752, 0.2146



17.6554, 0.4812, 0.3621



17.6554, 0.1942, 0.3389

Square

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



17.6554, 0.4812, 0.3621



17.6554, 0.3298, 0.4854



17.6554, 0.1691, 0.2594



17.6554, 0.2763, 0.2149

Rectangle

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



17.6554, 0.4812, 0.3621



17.6554, 0.4303, 0.4597



17.6554, 0.1691, 0.2594



17.6554, 0.1957, 0.2028

Sweetspot

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



17.6563, 0.4812, 0.3621



60.9494, 0.3480, 0.3397



16.1471, 0.3499, 0.2114



12.9401, 0.3544, 0.3414



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



17.6563, 0.4812, 0.3621



26.1274, 0.5346, 0.3634



30.4696, 0.4260, 0.4346



8.7933, 0.3282, 0.3340



7.8642, 0.6124, 0.3520



0.3328, 0.5598, 0.3937

Inverse Universe

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



27.9307, 0.2292, 0.2878



45.7986, 0.2178, 0.2774



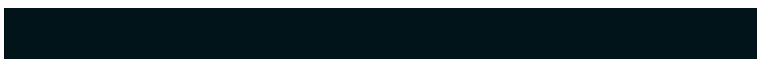
13.8507, 0.2066, 0.1882



9.3136, 0.2986, 0.3240



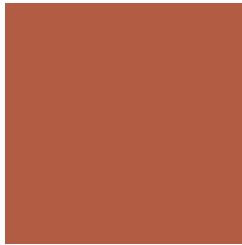
15.7149, 0.2053, 0.2590



0.5722, 0.2113, 0.2806

Previews

White Background



This preview shows how the Yxy color 17.6554, 0.4812, 0.3621 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 17.6554, 0.4812, 0.3621 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 17.6554, 0.4812, 0.3621

Background



This preview shows how black text looks on a background with the Yxy color 17.6554, 0.4812, 0.3621.



This preview shows how white text looks on a background with the Yxy color 17.6554, 0.4812, 0.3621.

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

17.6554, 0.4812, 0.3621

Protanopia

17.7847, 0.3744, 0.4038

Deuteranopia

17.7981, 0.4180, 0.4122



Tritanopia

17.6294, 0.4461, 0.3195

Trichromacy



Original Color

17.6554, 0.4812, 0.3621

Protanomaly

17.3305, 0.4134, 0.3883

Deuteranomaly

17.5527, 0.4419, 0.3934

Tritanomaly

17.5039, 0.4600, 0.3350

Monochromacy



Original Color

17.6554, 0.4812, 0.3621

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

16.8005, 0.3692, 0.3457

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.6554, 0.4812, 0.3621 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(179, 92, 68)` looks like.

```
.text, #text, p{  
    color:rgb(179, 92, 68)  
}
```

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(179, 92, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 92, 68) }
```

Border

The CSS property to change the border of an element to Yxy 17.6554, 0.4812, 0.3621 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(179, 92, 68) }
```

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

```
.border{ border-color:rgb(179, 92, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 92, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 92, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 92, 68);  
box-shadow:4px 4px 4px 4px rgb(179, 92,  
68) }
```


Background

The CSS property to change the background color of an element to Yxy 17.6554, 0.4812, 0.3621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 92, 68) }
```

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

```
.background{ background-color: rgb(179, 92,  
68) }
```

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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