

Converting Colors

$Y_{xy}(15.0065, 0.6061, 0.3524)$

Have a look what the booklet for
Yxy(15.0065, 0.6061, 0.3524)
contains.

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Color

Yxy(14.9952, 0.6063, 0.3522)

Conversions

Conversions Part 1

Format	Color
Hex	CB3208
RGB	203, 50, 8
RGB Percent	80%, 20%, 3%
CMY	0.2039, 0.8039, 0.9682
CMYK	0.00, 0.75, 0.96, 0.20
HSL	13°, 92%, 41%
HSV	13°, 96%, 80%
XYZ	25.8137, 14.9952, 1.7669
YIQ	90.9590, 104.6700, 19.3740

Conversions

Conversions Part 2

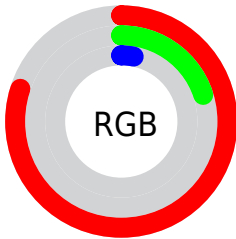
Format	Color
R_{YB}	203, 62, 8
Decimal	13316616
CIE Lab	45.63, 58.16, 55.62
CIE LCh	46, 80.476, 43.720
Yxy	14.9952, 0.6063, 0.3522
Android (android.graphics.Color)	4291506696 (0xFFCB3208)
YUV	90.9590, -40.8988, 98.2600
Hunter-Lab	38.7236, 51.2242, 24.4012

Details

The Yxy color **14.9952, 0.6063, 0.3522** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **29.8930, 0.2064, 0.2609**, and the grayscale version is **10.5328, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.3220, 0.5396, 0.3676**, and **5.4890, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **14.4707, 0.6158, 0.3492**, and if you desaturate by 10%, it is **16.6722, 0.5774, 0.3594**.

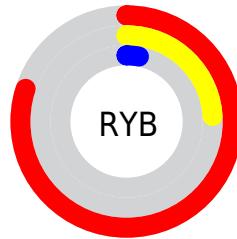
Distribution



Red (80%)

Green (20%)

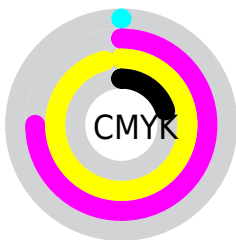
Blue (3%)



Red (80%)

Yellow (24%)

Blue (3%)

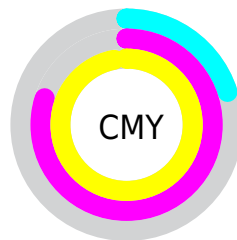


Cyan (0%)

Magenta (75%)

Yellow (96%)

Black (20%)



Cyan (20%)


Magenta (80%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.9952, 0.6063, 0.3522 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 14.9952, 0.6063, 0.3522 by changing the saturation by 10% instead.


 14.9952, 0.6063,
0.3522


 14.9952, 0.6063,
0.3522


 223.3372, 0.4449,
0.3625


 8.8160, 0.6458,
0.3386


 34.8448, 0.5479,
0.3643


 4.6214, 0.6882,
0.3118

 49.2839, 0.5255,
0.3661


 2.0269, 0.7340,
0.2660

 67.2452, 0.5065,
0.3666

 0.6230, 0.8089,
0.1911

 89.1130, 0.4903,
0.3663


 0.0000, 1.0000,
0.0000


 115.2717, 0.4765,
0.3656


 0.0000, 0.0000,
0.0000


 146.1057, 0.4645,

0.3647

 181.9994, 0.4541,
0.3636

 14.9952, 0.6063,
0.3522


 14.9952, 0.6063,
0.3522


 14.4707, 0.6158,
0.3492

 16.6722, 0.5774,
0.3594

 18.9324, 0.5404,
0.3630

 21.8276, 0.4997,
0.3629

 25.4023, 0.4597,
0.3600

 29.6970, 0.4232,
0.3553

■ 34.7490, 0.3912,
0.3497

■ 40.5927, 0.3640,
0.3437

■ 47.2607, 0.3413,
0.3378

■ 54.7835, 0.3225,
0.3322

Harmonies

Analogous

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



14.9952, 0.5628, 0.2731



14.9952, 0.6063, 0.3522



14.9952, 0.5466, 0.4504

Triad

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



14.9952, 0.6063, 0.3522



14.9952, 0.1812, 0.5344



14.9952, 0.1488, 0.1271

Complementary

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



14.9952, 0.6063, 0.3522



29.8930, 0.2064, 0.2609

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.



14.9952, 0.0993, 0.1363



14.9952, 0.6063, 0.3522



14.9952, 0.1070, 0.3204

Square

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



14.9952, 0.6063, 0.3522



14.9952, 0.2991, 0.6367



14.9952, 0.0854, 0.1886



14.9952, 0.2504, 0.1489

Rectangle

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



14.9952, 0.6063, 0.3522



14.9952, 0.4724, 0.5276



14.9952, 0.0854, 0.1886



14.9952, 0.1275, 0.1266

Sweetspot

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



14.9961, 0.6063, 0.3522



64.5058, 0.3727, 0.3457



15.5540, 0.3765, 0.1864



12.9085, 0.3846, 0.3483



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.



14.9961, 0.6063, 0.3522



23.9744, 0.6178, 0.3477



32.8235, 0.4804, 0.4541



11.5981, 0.3285, 0.3340



9.3193, 0.6136, 0.3510



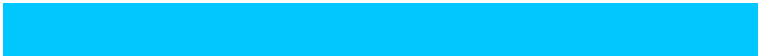
0.5953, 0.5753, 0.3814

Inverse Universe

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



29.8930, 0.2064, 0.2609



48.6164, 0.2047, 0.2568



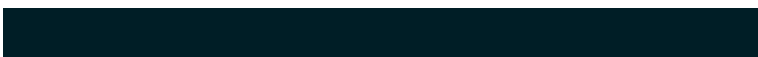
8.3291, 0.1636, 0.1059



12.3018, 0.2983, 0.3239



18.7421, 0.2053, 0.2589



1.0715, 0.2095, 0.2741

Previews

White Background



This preview shows how the Yxy color 14.9952, 0.6063, 0.3522 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 14.9952, 0.6063, 0.3522 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 14.9952, 0.6063, 0.3522

Background



This preview shows how black text looks on a background with the Yxy color 14.9952, 0.6063, 0.3522.



This preview shows how white text looks on a background with the Yxy color 14.9952, 0.6063, 0.3522.

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

14.9952, 0.6063, 0.3522

Protanopia

15.1450, 0.4280, 0.4742

Deuteranopia

15.0189, 0.4698, 0.4652



Tritanopia

15.0838, 0.5769, 0.3290

Trichromacy



Original Color

14.9952, 0.6063, 0.3522

Protanomaly

13.6058, 0.5059, 0.4205

Deuteranomaly

13.9243, 0.5316, 0.4139

Tritanomaly

15.0611, 0.5927, 0.3403

Monochromacy



Original Color

14.9952, 0.6063, 0.3522

Achromatopsia

10.4616, 0.3127, 0.3290

Achromatomaly

10.4113, 0.4448, 0.3578

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.9952, 0.6063, 0.3522 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(203, 50, 8)` looks like.

```
.text, #text, p{  
    color:rgb(203, 50, 8)  
}
```

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(203, 50, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 50, 8) }
```

Border

The CSS property to change the border of an element to Yxy 14.9952, 0.6063, 0.3522 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(203, 50, 8) }
```

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

```
.border{ border-color:rgb(203, 50, 8) }
```

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

Here you see how a box with a 4 pixel rgb(203, 50, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 50, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 50, 8);  
box-shadow:4px 4px 4px 4px rgb(203, 50, 8)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.9952, 0.6063, 0.3522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 50, 8) }
```

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

```
.background{ background-color: rgb(203, 50,  
8) }
```

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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