

Converting Colors

$Y_{xy}(14.4623, 0.5607, 0.3604)$

Have a look what the booklet for
Yxy(14.4623, 0.5607, 0.3604)
contains.

Yxy(14.4569, 0.5604, 0.3600)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(14.4569, 0.5604, 0.3600)

Conversions

Conversions Part 1

Format	Color
Hex	BA4223
RGB	186, 66, 35
RGB Percent	73%, 26%, 14%
CMY	0.2705, 0.7412, 0.8626
CMYK	0.00, 0.65, 0.81, 0.27
HSL	12°, 68%, 43%
HSV	12°, 81%, 73%
XYZ	22.5046, 14.4569, 3.1966
YIQ	98.3460, 81.4710, 15.7990

Conversions

Conversions Part 2

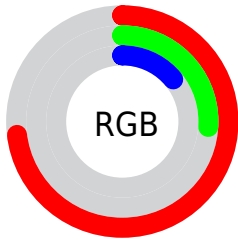
Format	Color
RYB	186, 74, 35
Decimal	12206627
CIELab	44.88, 46.91, 43.27
CIElCh	45, 63.815, 42.691
Yxy	14.4569, 0.5604, 0.3600
Android (android.graphics.Color)	4290396707 (0xFFBA4223)
YUV	98.3460, -31.2296, 76.8726
Hunter-Lab	38.0222, 39.1116, 21.6310

Details

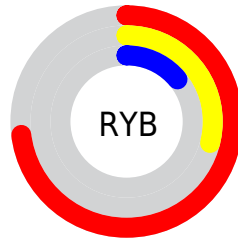
The Yxy color **14.4569, 0.5604, 0.3600** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **27.3647, 0.2144, 0.2756**, and the grayscale version is **12.3692, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.9426, 0.5064, 0.3643**, and **4.3817, 0.6391, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **12.8651, 0.5941, 0.3548**, and if you desaturate by 10%, it is **16.5556, 0.5207, 0.3617**.

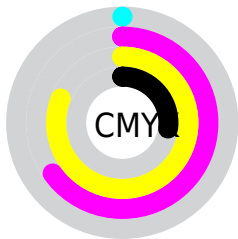
Distribution



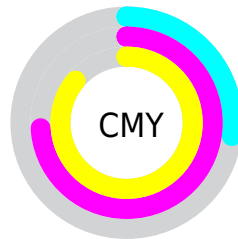
- Red (73%)
- Green (26%)
- Blue (14%)



- Red (73%)
- Yellow (29%)
- Blue (14%)



- Cyan (0%)
- Magenta (65%)
- Yellow (81%)
- Black (27%)



- Cyan (27%)
- Magenta (74%)
- Yellow (86%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 14.4569, 0.5604, 0.3600 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 14.4569, 0.5604, 0.3600 by changing the saturation by 10% instead.


 14.4569, 0.5604,
0.3600


 14.4569, 0.5604,
0.3600


 220.0550, 0.4180,
0.3569

 8.4391, 0.5982,
0.3519


 33.8976, 0.5056,
0.3643


 4.3772, 0.6586,
0.3414

 48.0892, 0.4857,
0.3640

 1.8867, 0.7016,
0.2984

 65.7743, 0.4693,
0.3631

 0.5404, 0.7831,
0.2169

 87.3373, 0.4556,
0.3619


 0.0000, 1.0000,
0.0000


 113.1624, 0.4440,
0.3607


 0.0000, 0.0000,
0.0000


 143.6341, 0.4340,

0.3594

 179.1369, 0.4255,
0.3581


 14.4569, 0.5604,
0.3600


 14.4569, 0.5604,
0.3600


 12.8651, 0.5941,
0.3548


 16.5556, 0.5207,
0.3617

 11.8365, 0.6168,
0.3485

 19.1983, 0.4798,
0.3602

 22.4212, 0.4412,
0.3565

 26.2568, 0.4068,
0.3515

 30.7349, 0.3772,
0.3459

■ 35.8834, 0.3524,
0.3402

■ 41.7287, 0.3317,
0.3347

■ 48.2955, 0.3145,
0.3296

■ 55.6074, 0.3003,
0.3248

Harmonies

Analogous

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



14.4569, 0.5131, 0.2850



14.4569, 0.5604, 0.3600



14.4569, 0.5203, 0.4440

Triad

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



14.4569, 0.5604, 0.3600



14.4569, 0.2121, 0.4929



14.4569, 0.1706, 0.1535

Complementary

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



14.4569, 0.5604, 0.3600



27.3647, 0.2144, 0.2756

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.



14.4569, 0.1253, 0.1651



14.4569, 0.5604, 0.3600



14.4569, 0.1402, 0.3325

Square

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



14.4569, 0.5604, 0.3600



14.4569, 0.3185, 0.5754



14.4569, 0.1146, 0.2177



14.4569, 0.2590, 0.1724

Rectangle

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



14.4569, 0.5604, 0.3600



14.4569, 0.4628, 0.5040



14.4569, 0.1146, 0.2177



14.4569, 0.1512, 0.1537

Sweetspot

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



14.4577, 0.5604, 0.3600



61.8810, 0.3599, 0.3420



14.0390, 0.3649, 0.1909



12.8913, 0.3688, 0.3441



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.



14.4577, 0.5604, 0.3600



21.7129, 0.6127, 0.3489



29.5297, 0.4602, 0.4524



9.3026, 0.3283, 0.3338



8.0505, 0.6148, 0.3501



0.3724, 0.5662, 0.3886

Inverse Universe

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



27.3647, 0.2144, 0.2756



45.0857, 0.2067, 0.2628



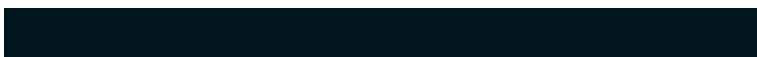
9.6886, 0.1783, 0.1388



9.8894, 0.2985, 0.3242



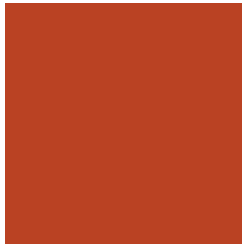
16.7138, 0.2063, 0.2627



0.6694, 0.2116, 0.2816

Previews

White Background



This preview shows how the Yxy color 14.4569, 0.5604, 0.3600 looks on a white background.

Color Contrast Check

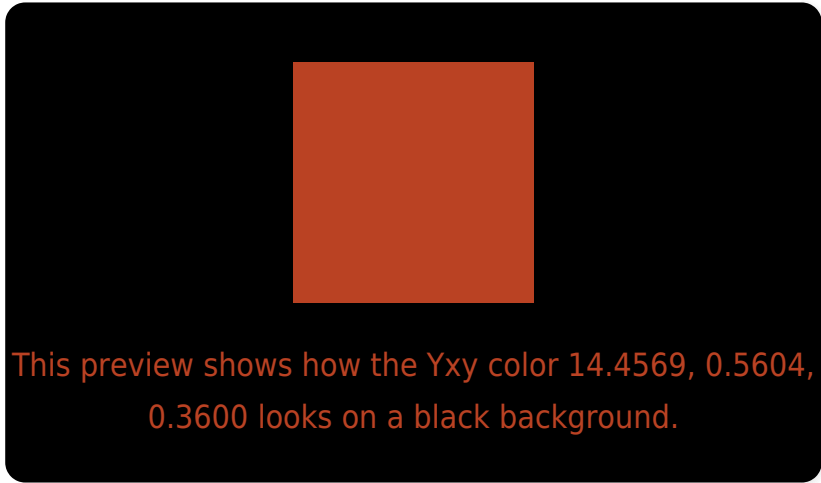
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

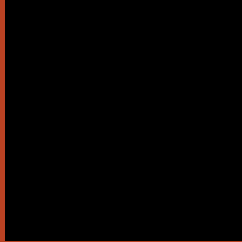
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.4569, 0.5604, 0.3600

Background



This preview shows how black text looks on a background with the Yxy color 14.4569, 0.5604, 0.3600.



This preview shows how white text looks on a background with the Yxy color 14.4569, 0.5604, 0.3600.

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

14.4569, 0.5604, 0.3600

Protanopia

14.6346, 0.4085, 0.4476

Deuteranopia

14.5201, 0.4603, 0.4516



Tritanopia

14.4034, 0.5235, 0.3250

Trichromacy



Original Color

14.4569, 0.5604, 0.3600

Protanomaly

13.6611, 0.4685, 0.4110

Deuteranomaly

13.9286, 0.5038, 0.4124

Tritanomaly

14.3956, 0.5398, 0.3384

Monochromacy



Original Color

14.4569, 0.5604, 0.3600

Achromatopsia

12.2139, 0.3127, 0.3290

Achromatomaly

11.9094, 0.4067, 0.3509

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.4569, 0.5604, 0.3600 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, 66, 35)` looks like.

```
.text, #text, p{  
  color:rgb(186, 66, 35)  
}
```

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, 66, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 66, 35) }
```

Border

The CSS property to change the border of an element to Yxy 14.4569, 0.5604, 0.3600 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, 66, 35) }
```

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

```
.border{ border-color:rgb(186, 66, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 66, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 66, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 66, 35);  
box-shadow:4px 4px 4px 4px rgb(186, 66,  
35) }
```


Background

The CSS property to change the background color of an element to Yxy 14.4569, 0.5604, 0.3600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 66, 35) }
```

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

```
.background{ background-color: rgb(186, 66,  
35) }
```

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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