Converting Colors

Yxy(10.6354, 0.5446, 0.3677)

Have a look what the booklet for Yxy(10.6354, 0.5446, 0.3677) contains.

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Color

Yxy(10.6121, 0.5443, 0.3683)

Conversions

Conversions Part 1

Format	Color
Hex	9C3E1F
RGB	156, 62, 31
RGB Percent	61%, 24%, 12%
CMY	0.3882, 0.7569, 0.8784
CMYK	0.00, 0.60, 0.80, 0.39
HSL	15°, 67%, 37%
HSV	15°, 80%, 61%
XYZ	15.6833, 10.6121, 2.5183
YIQ	86.5720, 65.9750, 10.2870

Conversions

Conversions Part 2

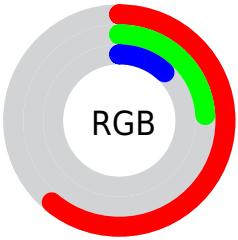
Format	Color
RYB	156, 72, 31
Decimal	10239519
CIELab	38.92, 37.52, 37.71
CIELCh	39, 53.194, 45.139
Yxy	10.6121, 0.5443, 0.3683
Android (android.graphics.Color)	4288429599 (0xFF9C3E1F)
YUV	86.5720, -27.3970, 60.8884
Hunter-Lab	32.5762, 28.9277, 18.2199

Details

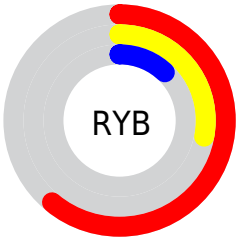
The Yxy color 10.6121, 0.5443, 0.3683 is a dark color, and the websafe version is hex 993300. A complement of this color would be 17.3695, 0.2128, 0.2658, and the grayscale version is 9.4830, 0.3127, 0.3290.

A 20% lighter version of the original color is 26.9450, 0.4881, 0.3698, and 2.7486, 0.6295, 0.3384 is the 20% darker color. If you saturate the color by 10%, you get 9.4083, 0.5783, 0.3638, and if you desaturate by 10%, it is 12.1326, 0.5062, 0.3688.

Distribution

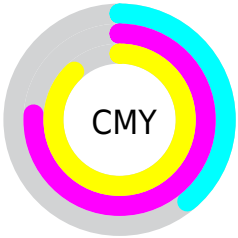


- Red (61%)
- Green (24%)
- Blue (12%)



- Red (61%)
- Yellow (28%)
- Blue (12%)

- Cyan (0%)
- Magenta (60%)
- Yellow (80%)
- Black (39%)



- Cyan (39%)
- Magenta (76%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 10.6121, 0.5443, 0.3683 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 10.6121, 0.5443, 0.3683 by changing the saturation by 10% instead.

10.6121, 0.5443, 0.3683

10.6121, 0.5443, 0.3683

194.9866, 0.4045, 0.3573

5.8066, 0.5852, 0.3619

26.9406, 0.4880, 0.3692

2.7279, 0.6495, 0.3505

39.2325, 0.4684, 0.3677

0.9914, 0.7002, 0.2998

54.7885, 0.4525, 0.3659

0.0000, 1.0000, 0.0000

73.9933, 0.4394, 0.3640

0.0000, 0.0000, 0.0000

97.2311, 0.4285, 0.3622

124.8863, 0.4193,

0.3604

157.3434, 0.4114, 0.3588

10.6121, 0.5443, 0.3683

9.4083, 0.5783, 0.3638

8.4991, 0.6061, 0.3570

10.6121, 0.5443, 0.3683

12.1326, 0.5062, 0.3688

13.9893, 0.4678, 0.3661

16.2024, 0.4319, 0.3612

18.7897, 0.4000, 0.3550

21.7677, 0.3724, 0.3484

25.1520, 0.3490, 0.3416

28.9574, 0.3294, 0.3352

33.1978, 0.3129, 0.3291

37.8865, 0.2991, 0.3235

Harmonies

Analogous

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

10.6121, 0.5054, 0.2950

10.6121, 0.5443, 0.3683

10.6121, 0.5046, 0.4488

Triad

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

10.6121, 0.5443, 0.3683

10.6121, 0.2132, 0.4676

10.6121, 0.1842, 0.1633

Complementary

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

10.6121, 0.5443, 0.3683

17.3695, 0.2128, 0.2658

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.

10.6121, 0.1373, 0.1726

10.6121, 0.5443, 0.3683

10.6121, 0.1473, 0.3228

Square

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

10.6121, 0.5443, 0.3683

10.6121, 0.3130, 0.5542

10.6121, 0.1247, 0.2201

10.6121, 0.2720, 0.1837

Rectangle

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

10.6121, 0.5443, 0.3683

10.6121, 0.4500, 0.5032

10.6121, 0.1247, 0.2201

10.6121, 0.1644, 0.1629

Sweetspot

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

10.6127, 0.5443, 0.3683

42.9063, 0.3587, 0.3445

9.5786, 0.3714, 0.1974

8.9990, 0.3666, 0.3468

78.7412, 0.3127, 0.3290

13.2868, 0.3127, 0.3290

Same Dimension

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

10.6127, 0.5443, 0.3683

15.7513, 0.5995, 0.3577

21.2563, 0.4512, 0.4566

6.9000, 0.3278, 0.3346

7.0469, 0.6048, 0.3580

0.1864, 0.5370, 0.4118

Inverse Universe

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

17.3695, 0.2128, 0.2658

28.0106, 0.2033, 0.2498

6.3979, 0.1789, 0.1359

7.2308, 0.2988, 0.3233

12.5784, 0.2024, 0.2485

0.2865, 0.2123, 0.2843

Previews

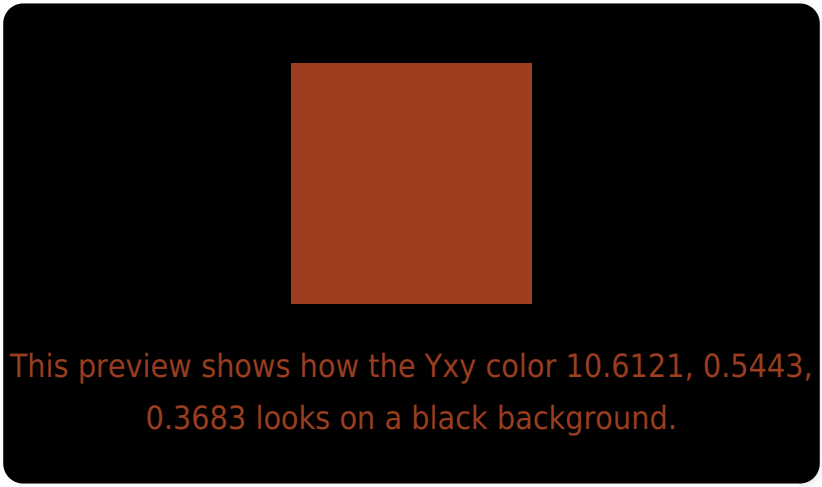
White Background

This preview shows how the Yxy color 10.6121, 0.5443, 0.3683 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

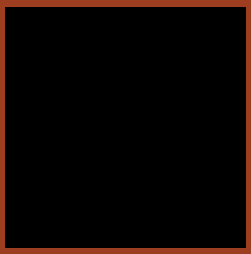


Color Contrast Check

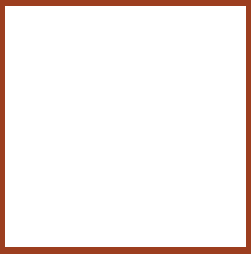
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Yxy 10.6121, 0.5443, 0.3683 Background



This preview shows how black text looks on a background with the Yxy color 10.6121, 0.5443, 0.3683.



This preview shows how white text looks on a background with the Yxy color 10.6121, 0.5443, 0.3683.

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
10.6121, 0.5443, 0.3683

Protanopia
10.8587, 0.4076, 0.4482

Deuteranopia
10.7543, 0.4535, 0.4497

Tritanopia
10.6438, 0.4991, 0.3252

Trichromacy

Original Color
10.6121, 0.5443, 0.3683

Protanomaly
10.2995, 0.4596, 0.4167

Deuteranomaly
10.4918, 0.4900, 0.4166

Tritanomaly
10.6388, 0.5184, 0.3422

Monochromacy

Original Color
10.6121, 0.5443, 0.3683

Achromatopsia
9.5307, 0.3127, 0.3290

Achromatomaly
9.2988, 0.3966, 0.3539

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.6121, 0.5443, 0.3683 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(156, 62, 31) looks like.

```
.text, #text, p{
    color:rgb(156, 62, 31)
}
```

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(156, 62, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 62, 31) }
```

Border

The CSS property to change the border of an element to Yxy 10.6121, 0.5443, 0.3683 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(156, 62, 31) }
```

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

```
.border{ border-color:rgb(156, 62, 31) }
```

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

Here you see how a box with a 4 pixel rgb(156, 62, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 62, 31); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 62, 31); box-shadow:4px 4px 4px 4px rgb(156, 62, 31) }
```

Background

The CSS property to change the background color of an element to Yxy 10.6121, 0.5443, 0.3683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(156, 62, 31) }
```

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

```
.background{ background-color:rgb(156, 62,
31) }
```

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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