

Converting Colors

Yxy(11.2013, 0.5754, 0.3626)

Have a look what the booklet for
Yxy(11.2013, 0.5754, 0.3626)
contains.

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Color

Yxy(11.2215, 0.5759, 0.3618)

Conversions

Conversions Part 1

Format	Color
Hex	A93715
RGB	169, 55, 21
RGB Percent	66%, 22%, 8%
CMY	0.3373, 0.7842, 0.9178
CMYK	0.00, 0.67, 0.88, 0.34
HSL	14°, 78%, 37%
HSV	14°, 88%, 66%
XYZ	17.8620, 11.2215, 1.9323
YIQ	85.2100, 78.8580, 13.5940

Conversions

Conversions Part 2

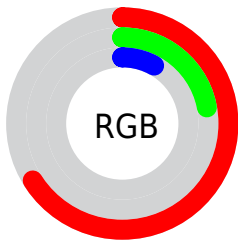
Format	Color
RYB	169, 65, 21
Decimal	11089685
CIELab	39.95, 45.23, 44.30
CIElCh	40, 63.309, 44.406
Yxy	11.2215, 0.5759, 0.3618
Android (android.graphics.Color)	4289279765 (0xFFA93715)
YUV	85.2100, -31.6555, 73.4838
Hunter-Lab	33.4985, 36.5568, 20.0290

Details

The Yxy color **11.2215, 0.5759, 0.3618** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **20.3335, 0.2092, 0.2639**, and the grayscale version is **9.1868, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.1314, 0.5158, 0.3686**, and **3.2512, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **10.0993, 0.6045, 0.3547**, and if you desaturate by 10%, it is **12.7110, 0.5400, 0.3655**.

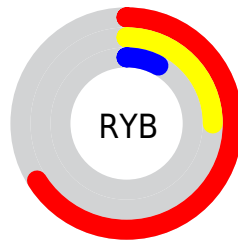
Distribution



Red (66%)

Green (22%)

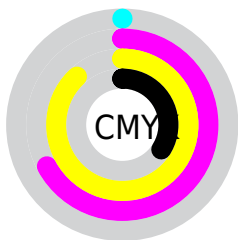
Blue (8%)



Red (66%)

Yellow (25%)

Blue (8%)

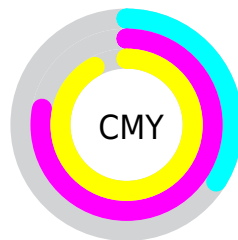


Cyan (0%)

Magenta (67%)

Yellow (88%)

Black (34%)



Cyan (34%)


Magenta (78%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.2215, 0.5759, 0.3618 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 11.2215, 0.5759, 0.3618 by changing the saturation by 10% instead.


 11.2215, 0.5759,
0.3618


 11.2215, 0.5759,
0.3618


199.1809, 0.4211,
0.3598

 6.2160, 0.6194,
0.3516

 28.0690, 0.5158,
0.3681


 2.9769, 0.6720,
0.3280

 40.6799, 0.4940,
0.3679


 1.1197, 0.7247,
0.2753

 56.5946, 0.4762,
0.3670

 0.0000, 1.0000,
0.0000


 76.1977, 0.4613,
0.3656


 0.0000, 0.0000,
0.0000


 99.8735, 0.4488,
0.3642

 128.0063, 0.4382,


0.3626


 160.9807, 0.4291,
0.3612

 11.2215, 0.5759,
0.3618


 11.2215, 0.5759,
0.3618

 10.0993, 0.6045,
0.3547


 12.7110, 0.5400,
0.3655

 9.8769, 0.6108,
0.3532

 14.5986, 0.5005,
0.3655

 16.9123, 0.4615,
0.3626

 19.6767, 0.4256,
0.3577

 22.9146, 0.3939,
0.3518

■ 26.6470, 0.3669,
0.3455

■ 30.8938, 0.3441,
0.3393

■ 35.6737, 0.3250,
0.3333

■ 41.0045, 0.3092,
0.3277

Harmonies

Analogous

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



11.2215, 0.5338, 0.2846



11.2215, 0.5759, 0.3618



11.2215, 0.5264, 0.4514

Triad

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



11.2215, 0.5759, 0.3618



11.2215, 0.1978, 0.4988



11.2215, 0.1662, 0.1446

Complementary

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



11.2215, 0.5759, 0.3618



20.3335, 0.2092, 0.2639

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.



11.2215, 0.1175, 0.1539



11.2215, 0.5759, 0.3618



11.2215, 0.1268, 0.3217

Square

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



11.2215, 0.5759, 0.3618



11.2215, 0.3077, 0.5952



11.2215, 0.1042, 0.2044



11.2215, 0.2616, 0.1659

Rectangle

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



11.2215, 0.5759, 0.3618



11.2215, 0.4633, 0.5181



11.2215, 0.1042, 0.2044



11.2215, 0.1454, 0.1441

Sweetspot

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



11.2222, 0.5759, 0.3618



48.5409, 0.3641, 0.3448



10.7728, 0.3740, 0.1906



10.0696, 0.3724, 0.3469



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



11.2222, 0.5759, 0.3618



17.4266, 0.6136, 0.3510



23.6796, 0.4653, 0.4573



7.8120, 0.3280, 0.3343



7.4321, 0.6091, 0.3546



0.2548, 0.5489, 0.4024

Inverse Universe

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



20.3335, 0.2092, 0.2639



33.4501, 0.2034, 0.2521



6.5679, 0.1708, 0.1214



8.2350, 0.2987, 0.3237



14.1414, 0.2040, 0.2544



0.4139, 0.2116, 0.2818

Previews

White Background



This preview shows how the Yxy color 11.2215, 0.5759, 0.3618 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 11.2215, 0.5759, 0.3618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

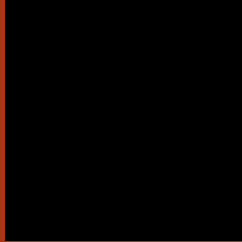
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.2215, 0.5759, 0.3618

Background



This preview shows how black text looks on a background with the Yxy color 11.2215, 0.5759, 0.3618.



This preview shows how white text looks on a background with the Yxy color 11.2215, 0.5759, 0.3618.

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

11.2215, 0.5759, 0.3618

Protanopia

11.3475, 0.4184, 0.4617

Deuteranopia

11.3054, 0.4694, 0.4655



Tritanopia

11.2684, 0.5365, 0.3273

Trichromacy



Original Color

11.2215, 0.5759, 0.3618

Protanomaly

10.4836, 0.4843, 0.4189

Deuteranomaly

10.7286, 0.5165, 0.4205

Tritanomaly

11.2594, 0.5548, 0.3419

Monochromacy



Original Color

11.2215, 0.5759, 0.3618

Achromatopsia

9.0842, 0.3127, 0.3290

Achromatomaly

8.9584, 0.4173, 0.3553

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2215, 0.5759, 0.3618 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(169, 55, 21)` looks like.

```
.text, #text, p{  
    color:rgb(169, 55, 21)  
}
```

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(169, 55, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 55, 21) }
```

Border

The CSS property to change the border of an element to Yxy 11.2215, 0.5759, 0.3618 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(169, 55, 21) }
```

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

```
.border{ border-color:rgb(169, 55, 21) }
```

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

Here you see how a box with a 4 pixel rgb(169, 55, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 55, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 55, 21);  
box-shadow:4px 4px 4px 4px rgb(169, 55,  
21) }
```


Background

The CSS property to change the background color of an element to Yxy 11.2215, 0.5759, 0.3618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 55, 21) }
```

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

```
.background{ background-color: rgb(169, 55,  
21) }
```

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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