

Converting Colors

$Y_{xy}(11.5808, 0.6323, 0.3361)$

Have a look what the booklet for
Yxy(11.5808, 0.6323, 0.3361)
contains.

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Color

Yxy(11.5421, 0.6324, 0.3361)

Conversions

Conversions Part 1

Format	Color
Hex	BF1300
RGB	191, 19, 0
RGB Percent	75%, 7%, 0%
CMY	0.2510, 0.9253, 1.0000
CMYK	0.00, 0.90, 1.00, 0.25
HSL	6°, 100%, 37%
HSV	6°, 100%, 75%
XYZ	21.7174, 11.5421, 1.0817
YIQ	68.2620, 108.6110, 30.5550

Conversions

Conversions Part 2

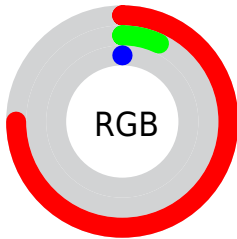
Format	Color
R_{YB}	191, 21, 0
Decimal	12522240
CIE Lab	40.48, 62.23, 54.38
CIE LCh	40, 82.645, 41.149
Yxy	11.5421, 0.6324, 0.3361
Android (android.graphics.Color)	4290712320 (0xFFBF1300)
YUV	68.2620, -33.6532, 107.6412
Hunter-Lab	33.9737, 54.6509, 21.8937

Details

The Yxy color **11.5421, 0.6324, 0.3361** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **33.2450, 0.2159, 0.2973**, and the grayscale version is **5.8718, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.4874, 0.5655, 0.3552**, and **4.5120, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **11.5429, 0.6324, 0.3361**, and if you desaturate by 10%, it is **12.3995, 0.6096, 0.3399**.

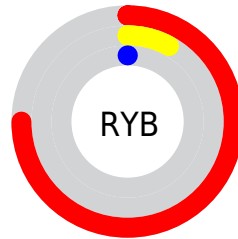
Distribution



Red (75%)

Green (7%)

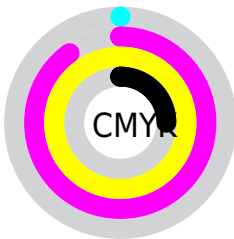
Blue (0%)



Red (75%)

Yellow (8%)

Blue (0%)

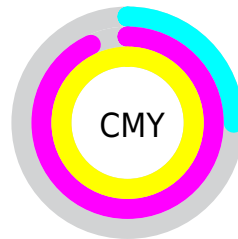


Cyan (0%)

Magenta (90%)

Yellow (100%)

Black (25%)



Cyan (25%)


Magenta (93%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.5421, 0.6324, 0.3361 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 11.5421, 0.6324, 0.3361 by changing the saturation by 10% instead.


 11.5421, 0.6324,
0.3361


 11.5421, 0.6324,
0.3361


 201.3498, 0.4523,
0.3589


 6.4327, 0.6815,
0.3185


 28.6583, 0.5667,
0.3549


 3.1099, 0.7210,
0.2790

 41.4340, 0.5415,
0.3585

 1.1894, 0.7781,
0.2219

 57.5338, 0.5202,
0.3602

 0.0530, 0.9714,
0.0286

 77.3422, 0.5022,
0.3608


 0.0000, 1.0000,
0.0000


 101.2437, 0.4869,
0.3608


 0.0000, 0.0000,
0.0000

 129.6225, 0.4737,

0.3604


 162.8631, 0.4623,
0.3597


 11.5421, 0.6324,
0.3361

 11.5421, 0.6324,
0.3361


 11.5429, 0.6324,
0.3361

 12.3995, 0.6096,
0.3399

 13.8031, 0.5750,
0.3431

 15.8338, 0.5321,
0.3444

 18.5540, 0.4872,
0.3440

 22.0183, 0.4450,
0.3423

■ 26.2762, 0.4079,
0.3398

■ 31.3726, 0.3766,
0.3370

■ 37.3490, 0.3509,
0.3342

■ 44.2445, 0.3298,
0.3315

Harmonies

Analogous

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



11.5421, 0.5792, 0.2572



11.5421, 0.6324, 0.3361



11.5421, 0.5650, 0.4350

Triad

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



11.5421, 0.6324, 0.3361



11.5421, 0.1734, 0.5836



11.5421, 0.1299, 0.1130

Complementary

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



11.5421, 0.6324, 0.3361



33.2450, 0.2159, 0.2973

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.



11.5421, 0.0833, 0.1242



11.5421, 0.6324, 0.3361



11.5421, 0.0940, 0.3334

Square

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



11.5421, 0.6324, 0.3361



11.5421, 0.2986, 0.6707



11.5421, 0.0711, 0.1814



11.5421, 0.2310, 0.1327

Rectangle

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



11.5421, 0.6324, 0.3361



11.5421, 0.4822, 0.5178



11.5421, 0.0711, 0.1814



11.5421, 0.1096, 0.1130

Sweetspot

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



11.5429, 0.6324, 0.3361



55.7241, 0.3780, 0.3372



14.1737, 0.3431, 0.1664



11.3464, 0.3908, 0.3384



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



11.5429, 0.6324, 0.3361



20.5191, 0.6338, 0.3350



22.5347, 0.5167, 0.4279



9.6854, 0.3286, 0.3314



7.6430, 0.6310, 0.3372



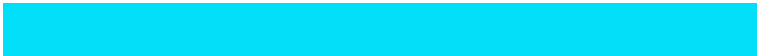
0.3514, 0.6015, 0.3606

Inverse Universe

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



33.2450, 0.2159, 0.2973



59.3413, 0.2158, 0.2968



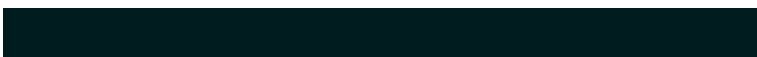
9.4374, 0.1697, 0.1308



10.6425, 0.2985, 0.3266



21.9168, 0.2161, 0.2978



0.9061, 0.2183, 0.3059

Previews

White Background



This preview shows how the Yxy color 11.5421, 0.6324, 0.3361 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 11.5421, 0.6324, 0.3361

Background



This preview shows how black text looks on a background with the Yxy color 11.5421, 0.6324, 0.3361.



This preview shows how white text looks on a background with the Yxy color 11.5421, 0.6324, 0.3361.

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

11.5421, 0.6324, 0.3361

Protanopia

11.8665, 0.4264, 0.4709

Deuteranopia

11.7919, 0.4686, 0.4661



Tritanopia

11.5640, 0.6273, 0.3332

Trichromacy



Original Color

11.5421, 0.6324, 0.3361

Protanomaly

9.7797, 0.5292, 0.4024

Deuteranomaly

9.9836, 0.5547, 0.3978

Tritanomaly

11.5553, 0.6293, 0.3343

Monochromacy



Original Color

11.5421, 0.6324, 0.3361

Achromatopsia

5.7805, 0.3127, 0.3290

Achromatomaly

5.9663, 0.4834, 0.3439

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.5421, 0.6324, 0.3361 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(191, 19, 0)` looks like.

```
.text, #text, p{  
    color:rgb(191, 19, 0)  
}
```

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(191, 19, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 19, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.5421, 0.6324, 0.3361 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(191, 19, 0) }
```

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

```
.border{ border-color:rgb(191, 19, 0) }
```

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

Here you see how a box with a 4 pixel rgb(191, 19, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 19, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 19, 0);  
box-shadow:4px 4px 4px 4px rgb(191, 19, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.5421, 0.6324, 0.3361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 19, 0) }
```

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

```
.background{ background-color: rgb(191, 19,  
0) }
```

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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