

Converting Colors

$Yxy(32.7474, 0.1907, 0.2007)$

Have a look what the booklet for
Yxy(32.7474, 0.1907, 0.2007)
contains.

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Color

Yxy(32.9164, 0.1909, 0.2014)

Conversions

Conversions Part 1

Format	Color
Hex	19A1FF
RGB	25, 161, 255
RGB Percent	10%, 63%, 100%
CMY	0.9010, 0.3687, 0.0000
CMYK	0.90, 0.37, 0.00, 0.00
HSL	205°, 100%, 55%
HSV	205°, 90%, 100%
XYZ	31.2003, 32.9164, 99.3212
YIQ	131.0520, -111.2300, 0.4020

Conversions

Conversions Part 2

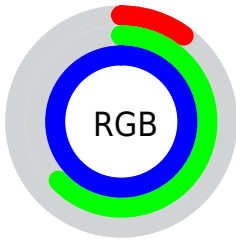
Format	Color
R _Y B	25, 110, 255
Decimal	1679871
CIE Lab	64.09, -0.32, -55.87
CIE LCh	64, 55.875, 269.676
Yxy	32.9164, 0.1909, 0.2014
Android (android.graphics.Color)	4279869951 (0xFF19A1FF)
YUV	131.0520, 61.1064, -93.0076
Hunter-Lab	57.3728, -3.3311, -62.4792

Details

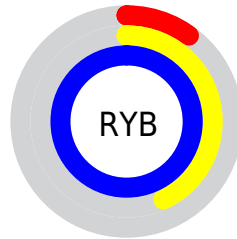
The Yxy color **32.9164, 0.1909, 0.2014** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **34.5859, 0.5478, 0.3943**, and the grayscale version is **22.5505, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.6028, 0.2335, 0.2801**, and **15.2291, 0.1822, 0.1760** is the 20% darker color. If you saturate the color by 10%, you get **29.2445, 0.1851, 0.1862**, and if you desaturate by 10%, it is **37.2045, 0.1988, 0.2173**.

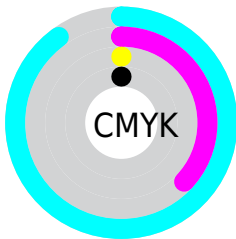
Distribution



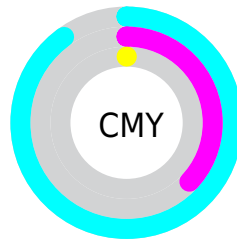
- Red (10%)
- Green (63%)
- Blue (100%)



- Red (10%)
- Yellow (43%)
- Blue (100%)



- Cyan (90%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)




- Cyan (90%)
- Magenta (37%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.9164, 0.1909, 0.2014 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 32.9164, 0.1909, 0.2014 by changing the saturation by 10% instead.


 32.9164, 0.1909,
0.2014


 32.9164, 0.1909,
0.2014


315.2729, 0.2507,
0.2641

 22.0624, 0.1770,
0.1868

 64.2450, 0.2120,
0.2235


 13.9028, 0.1600,
0.1690


 85.4884, 0.2201,
0.2320


 8.0531, 0.1390,
0.1468


 110.9637, 0.2271,
0.2393

 4.1289, 0.1128,
0.1193

 141.0553, 0.2331,
0.2456

 1.7459, 0.0807,
0.0855

 176.1476, 0.2383,
0.2511

 0.4531, 0.0386,
0.0413

216.6251, 0.2430,

 0.0000, 0.0000,

0.2560

0.0000

262.8720, 0.2470,
0.2603

■ 32.9164, 0.1909,
0.2014

■ 32.9164, 0.1909,
0.2014

■ 29.2445, 0.1851,
0.1862

■ 37.2045, 0.1988,
0.2173

■ 42.1654, 0.2089,
0.2334

■ 47.8587, 0.2210,
0.2494

■ 54.3346, 0.2348,
0.2650

■ 61.6378, 0.2496,
0.2799

■ 69.8086, 0.2652,
0.2938

■ 78.8842, 0.2811,
0.3067

■ 88.8994, 0.2970,
0.3184

■ 99.8867, 0.3126,
0.3289

Harmonies

Analogous

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



32.9164, 0.1669, 0.2267



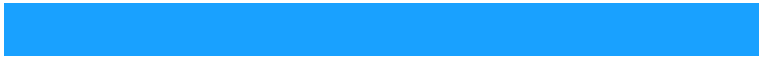
32.9164, 0.1909, 0.2014



32.9164, 0.2451, 0.2047

Triad

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



32.9164, 0.1909, 0.2014



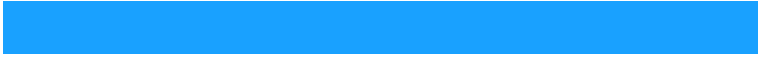
32.9164, 0.4753, 0.3370



32.9164, 0.2810, 0.4643

Complementary

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



32.9164, 0.1909, 0.2014



34.5859, 0.5478, 0.3943

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.



32.9164, 0.3632, 0.4910



32.9164, 0.1909, 0.2014



32.9164, 0.4806, 0.3995

Square

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



32.9164, 0.1909, 0.2014



32.9164, 0.4156, 0.2788



32.9164, 0.4366, 0.4581



32.9164, 0.2119, 0.3786

Rectangle

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



32.9164, 0.1909, 0.2014



32.9164, 0.2971, 0.2205



32.9164, 0.4366, 0.4581



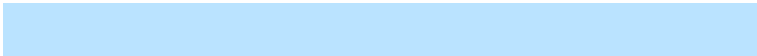
32.9164, 0.3081, 0.4812

Sweetspot

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



32.9170, 0.1909, 0.2014



72.5224, 0.2701, 0.2979



73.0177, 0.2787, 0.5168



14.8838, 0.2647, 0.2934



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.



32.9170, 0.1909, 0.2014



29.2445, 0.1851, 0.1862



9.5621, 0.1568, 0.0768



19.1620, 0.2979, 0.3190



15.5820, 0.1858, 0.1888



1.7323, 0.1907, 0.2063

Inverse Universe

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



24.5389, 0.4427, 0.2262



23.4834, 0.4611, 0.2314



79.0585, 0.4343, 0.4885



18.1672, 0.3201, 0.3150



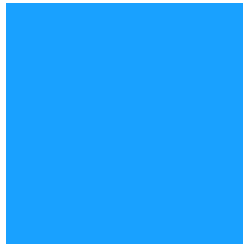
12.3010, 0.4582, 0.2298



1.2194, 0.4382, 0.2188

Previews

White Background



This preview shows how the Yxy color 32.9164, 0.1909, 0.2014 looks on a white background.

Color Contrast Check

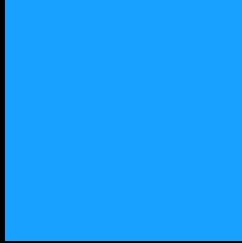
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 32.9164, 0.1909, 0.2014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

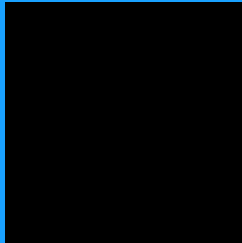
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

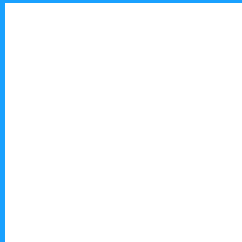
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.9164, 0.1909, 0.2014

Background



This preview shows how black text looks on a background with the Yxy color 32.9164, 0.1909, 0.2014.



This preview shows how white text looks on a background with the Yxy color 32.9164, 0.1909, 0.2014.

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

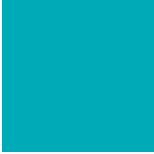
32.9164, 0.1909, 0.2014

Protanopia

32.6386, 0.2206, 0.2047

Deuteranopia

32.7374, 0.2040, 0.1976



Tritanopia

32.5865, 0.2186, 0.3068

Trichromacy



Original Color

32.9164, 0.1909, 0.2014

Protanomaly

32.1671, 0.2046, 0.2026

Deuteranomaly

32.4578, 0.1970, 0.1980

Tritanomaly

32.3487, 0.2065, 0.2613

Monochromacy



Original Color

32.9164, 0.1909, 0.2014

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

24.8077, 0.2406, 0.2710

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9164, 0.1909, 0.2014 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(25, 161, 255)` looks like.

```
.text, #text, p{  
    color:rgb(25, 161, 255)  
}
```

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(25, 161, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 161, 255) }
```

Border

The CSS property to change the border of an element to Yxy 32.9164, 0.1909, 0.2014 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(25, 161, 255) }
```

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

```
.border{ border-color:rgb(25, 161, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 161, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 161, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 161, 255);  
box-shadow:4px 4px 4px 4px rgb(25, 161,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9164, 0.1909, 0.2014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 161, 255) }
```

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

```
.background{ background-color: rgb(25, 161,  
255) }
```

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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