

Converting Colors

$Yxy(33.3569, 0.1918, 0.1829)$

Have a look what the booklet for
Yxy(33.3569, 0.1918, 0.1829)
contains.

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Color

Yxy(32.1208, 0.1966, 0.1966)

Conversions

Conversions Part 1

Format	Color
Hex	419CFF
RGB	65, 156, 255
RGB Percent	25%, 61%, 100%
CMY	0.7452, 0.3882, 0.0000
CMYK	0.75, 0.39, 0.00, 0.00
HSL	211°, 100%, 63%
HSV	211°, 75%, 100%
XYZ	32.1208, 32.1208, 99.1399
YIQ	140.0770, -86.0150, 11.4970

Conversions

Conversions Part 2

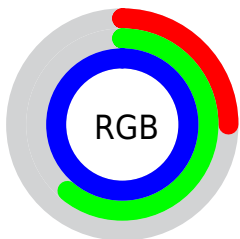
Format	Color
R _{YB}	65, 127, 255
Decimal	4300031
CIE Lab	63.44, 5.85, -56.88
CIE LCh	63, 57.177, 275.870
Yxy	32.1208, 0.1966, 0.1966
Android (android.graphics.Color)	4282490111 (0xFF419CFF)
YUV	140.0770, 56.6570, -65.8425
Hunter-Lab	56.6752, 1.9836, -64.0412

Details

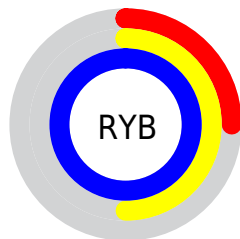
The Yxy color **32.1208, 0.1966, 0.1966** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **48.1869, 0.4822, 0.4189**, and the grayscale version is **26.0556, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.5474, 0.2406, 0.2749**, and **14.1804, 0.1798, 0.1673** is the 20% darker color. If you saturate the color by 10%, you get **27.2197, 0.1860, 0.1765**, and if you desaturate by 10%, it is **37.9000, 0.2095, 0.2173**.

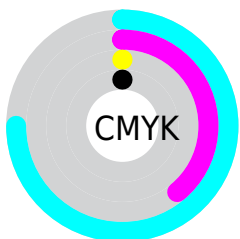
Distribution



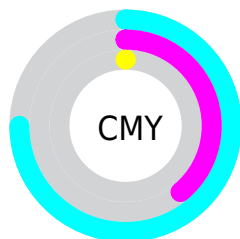
- Red (25%)
- Green (61%)
- Blue (100%)



- Red (25%)
- Yellow (50%)
- Blue (100%)



- Cyan (75%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)



- Cyan (75%)
- Magenta (39%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.1208, 0.1966, 0.1966 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 32.1208, 0.1966, 0.1966 by changing the saturation by 10% instead.


 32.1208, 0.1966,
0.1966


 32.1208, 0.1966,
0.1966


311.6692, 0.2542,
0.2611


 21.4538, 0.1831,
0.1818


 63.0004, 0.2170,
0.2192

 13.4561, 0.1664,
0.1636


 83.9818, 0.2248,
0.2280

 7.7434, 0.1457,
0.1413


 109.1701, 0.2315,
0.2355

 3.9312, 0.1196,
0.1137

 138.9497, 0.2373,
0.2420

 1.6351, 0.0873,
0.0802

173.7050, 0.2424,
0.2477

 0.3811, 0.0462,
0.0348

213.8205, 0.2468,

 0.0000, 0.0000,

0.2527

0.0000

259.6804, 0.2507,
0.2571

■ 32.1208, 0.1966,
0.1966

■ 32.1208, 0.1966,
0.1966

■ 27.2197, 0.1860,
0.1765

■ 37.9000, 0.2095,
0.2173

■ 23.1266, 0.1779,
0.1574

■ 44.6220, 0.2242,
0.2377

■ 21.1739, 0.1743,
0.1475

■ 52.3403, 0.2402,
0.2575

■ 61.1045, 0.2567,
0.2761

■ 70.9600, 0.2734,
0.2933

■ 81.9492, 0.2899,
0.3090

■ 94.1121, 0.3058,
0.3231

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



32.1208, 0.1658, 0.2157



32.1208, 0.1966, 0.1966



32.1208, 0.2584, 0.2055

Triad

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



32.1208, 0.1966, 0.1966



32.1208, 0.4863, 0.3496



32.1208, 0.2631, 0.4546

Complementary

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



32.1208, 0.1966, 0.1966



48.1869, 0.4822, 0.4189

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.



32.1208, 0.3466, 0.4967



32.1208, 0.1966, 0.1966



32.1208, 0.4794, 0.4137

Square

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



32.1208, 0.1966, 0.1966



32.1208, 0.4353, 0.2888



32.1208, 0.4257, 0.4716



32.1208, 0.1979, 0.3590

Rectangle

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



32.1208, 0.1966, 0.1966



32.1208, 0.3151, 0.2248



32.1208, 0.4257, 0.4716



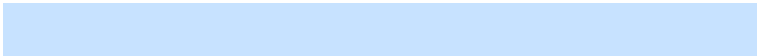
32.1208, 0.2901, 0.4768

Sweetspot

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



32.1198, 0.1966, 0.1966



73.6168, 0.2776, 0.2974



75.2933, 0.2672, 0.4515



15.1448, 0.2731, 0.2930



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.



32.1198, 0.1966, 0.1966



25.2896, 0.1820, 0.1677



12.2331, 0.1713, 0.0938



18.8133, 0.2979, 0.3163



11.3589, 0.1751, 0.1504



1.3232, 0.1810, 0.1715

Inverse Universe

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



27.4390, 0.4437, 0.2478



23.8920, 0.4818, 0.2494



92.5658, 0.4081, 0.4919



18.1320, 0.3219, 0.3177



11.8746, 0.5054, 0.2558



1.1781, 0.4788, 0.2411

Previews

White Background



This preview shows how the Yxy color 32.1208, 0.1966, 0.1966 looks on a white background.

Color Contrast Check

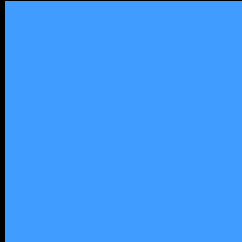
Large Text (above 18pt) WCAG AA × Fail

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 32.1208, 0.1966, 0.1966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

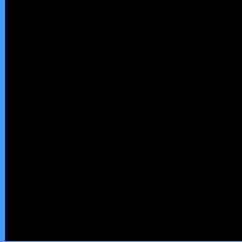
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

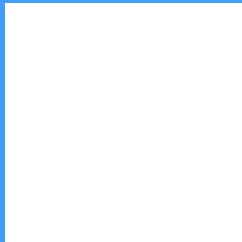
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.1208, 0.1966, 0.1966

Background



This preview shows how black text looks on a background with the Yxy color 32.1208, 0.1966, 0.1966.



This preview shows how white text looks on a background with the Yxy color 32.1208, 0.1966, 0.1966.

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

32.1208, 0.1966, 0.1966

Protanopia

31.8452, 0.2160, 0.1985

Deuteranopia

32.1702, 0.2018, 0.1957



Tritanopia

32.1683, 0.2185, 0.3067

Trichromacy



Original Color

32.1208, 0.1966, 0.1966

Protanomaly

31.9083, 0.2078, 0.1981

Deuteranomaly

32.1992, 0.1996, 0.1963

Tritanomaly

31.7079, 0.2074, 0.2596

Monochromacy



Original Color

32.1208, 0.1966, 0.1966

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

27.4459, 0.2523, 0.2712

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1208, 0.1966, 0.1966 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(65, 156, 255)` looks like.

```
.text, #text, p{  
    color:rgb(65, 156, 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(65, 156, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 156, 255) }
```

Border

The CSS property to change the border of an element to Yxy 32.1208, 0.1966, 0.1966 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(65, 156, 255) }
```

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

```
.border{ border-color:rgb(65, 156, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 156, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 156, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 156, 255);  
box-shadow:4px 4px 4px 4px rgb(65, 156,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1208, 0.1966, 0.1966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 156, 255) }
```

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

```
.background{ background-color: rgb(65, 156,  
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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