

Converting Colors

Yxy(34.3383, 0.2119, 0.2024)

Have a look what the booklet for
Yxy(34.3383, 0.2119, 0.2024)
contains.

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Color

Yxy(34.3372, 0.2119, 0.2024)

Conversions

Conversions Part 1

Format	Color
Hex	699DFF
RGB	105, 157, 255
RGB Percent	41%, 62%, 100%
CMY	0.5876, 0.3844, 0.0000
CMYK	0.59, 0.38, 0.00, 0.00
HSL	219°, 100%, 71%
HSV	219°, 59%, 100%
XYZ	35.9489, 34.3372, 99.3641
YIQ	152.6240, -62.4500, 19.4540

Conversions

Conversions Part 2

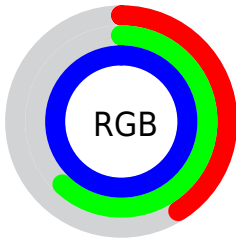
Format	Color
RYB	105, 144, 255
Decimal	6921727
CIELab	65.23, 11.47, -53.94
CIELCh	65, 55.148, 282.000
Yxy	34.3372, 0.2119, 0.2024
Android (android.graphics.Color)	4285111807 (0xFF699DFF)
YUV	152.6240, 50.4714, -41.7662
Hunter-Lab	58.5980, 6.9604, -59.5191

Details

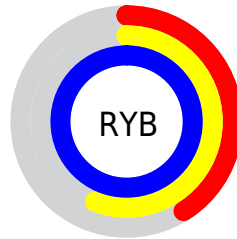
The Yxy color **34.3372, 0.2119, 0.2024** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **65.0809, 0.4267, 0.4259**, and the grayscale version is **31.4936, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.9155, 0.2565, 0.2782**, and **14.6613, 0.1848, 0.1706** is the 20% darker color. If you saturate the color by 10%, you get **27.7510, 0.1961, 0.1769**, and if you desaturate by 10%, it is **42.1556, 0.2292, 0.2278**.

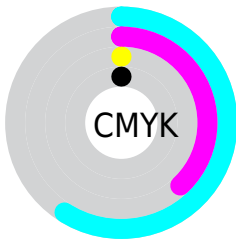
Distribution



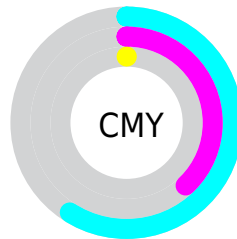
- Red (41%)
- Green (62%)
- Blue (100%)



- Red (41%)
- Yellow (56%)
- Blue (100%)



- Cyan (59%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)



- Cyan (59%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.3372, 0.2119, 0.2024 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 34.3372, 0.2119, 0.2024 by changing the saturation by 10% instead.


 34.3372, 0.2119,
0.2024


 34.3372, 0.2119,
0.2024


321.6330, 0.2622,
0.2634


 23.1528, 0.1999,
0.1884


 66.4577, 0.2298,
0.2237

 14.7063, 0.1850,
0.1714


 88.1626, 0.2367,
0.2320

 8.6136, 0.1662,
0.1502


 114.1430, 0.2425,
0.2391

 4.4900, 0.1421,
0.1239

144.7834, 0.2476,
0.2452

 1.9513, 0.1109,
0.0913

180.4683, 0.2519,
0.2506

 0.5789, 0.0721,
0.0503

221.5819, 0.2558,

 0.0000, 0.0000,

0.2554

0.0000

268.5087, 0.2592,
0.2596

■ 34.3372, 0.2119,
0.2024

■ 34.3372, 0.2119,
0.2024

■ 27.7510, 0.1961,
0.1769

■ 42.1556, 0.2292,
0.2278

■ 22.3254, 0.1824,
0.1523

■ 51.2752, 0.2472,
0.2521

■ 17.9759, 0.1717,
0.1297

■ 61.7565, 0.2651,
0.2748

■ 14.5937, 0.1641,
0.1100

■ 73.6568, 0.2825,
0.2956

■ 14.2291, 0.1633,
0.1078

■ 87.0296, 0.2991,
0.3143

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.



34.3372, 0.1761, 0.2153



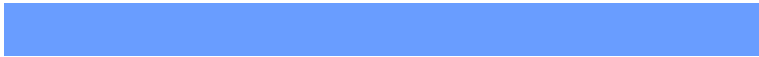
34.3372, 0.2119, 0.2024



34.3372, 0.2769, 0.2157

Triad

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



34.3372, 0.2119, 0.2024



34.3372, 0.4800, 0.3623



34.3372, 0.2516, 0.4307

Complementary

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



34.3372, 0.2119, 0.2024



65.0809, 0.4267, 0.4259

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.



34.3372, 0.3294, 0.4840



34.3372, 0.2119, 0.2024



34.3372, 0.4639, 0.4233

Square

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



34.3372, 0.2119, 0.2024



34.3372, 0.4422, 0.3027



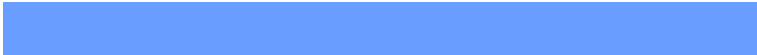
34.3372, 0.4070, 0.4732



34.3372, 0.1948, 0.3385

Rectangle

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



34.3372, 0.2119, 0.2024



34.3372, 0.3332, 0.2372



34.3372, 0.4070, 0.4732



34.3372, 0.2762, 0.4553

Sweetspot

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



34.3365, 0.2119, 0.2024



74.6254, 0.2838, 0.2971



78.8230, 0.2619, 0.3944



15.1927, 0.2789, 0.2913



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.



34.3365, 0.2119, 0.2024



26.4398, 0.1928, 0.1713



21.9148, 0.2116, 0.1451



18.4048, 0.2979, 0.3130



7.6849, 0.1641, 0.1107



0.9429, 0.1703, 0.1332

Inverse Universe

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



33.8276, 0.4299, 0.2776



27.9444, 0.4701, 0.2727



89.7865, 0.3807, 0.4763



18.0908, 0.3240, 0.3208



11.5038, 0.5599, 0.2858



1.1397, 0.5283, 0.2684

Previews

White Background



This preview shows how the Yxy color 34.3372, 0.2119, 0.2024 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 34.3372, 0.2119, 0.2024 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

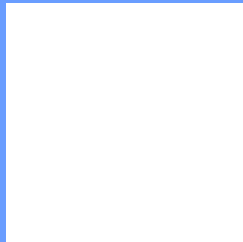
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.3372, 0.2119, 0.2024

Background



This preview shows how black text looks on a background with the Yxy color 34.3372, 0.2119, 0.2024.



This preview shows how white text looks on a background with the Yxy color 34.3372, 0.2119, 0.2024.

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

34.3372, 0.2119, 0.2024

Protanopia

34.1961, 0.2194, 0.2026

Deuteranopia

34.3264, 0.2095, 0.2030



Tritanopia

34.5037, 0.2356, 0.3078

Trichromacy



Original Color

34.3372, 0.2119, 0.2024

Protanomaly

34.2433, 0.2166, 0.2022

Deuteranomaly

34.4404, 0.2103, 0.2032

Tritanomaly

34.2690, 0.2260, 0.2644

Monochromacy



Original Color

34.3372, 0.2119, 0.2024

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.0631, 0.2665, 0.2756

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3372, 0.2119, 0.2024 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(105, 157, 255)` looks like.

```
.text, #text, p{  
    color:rgb(105, 157, 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(105, 157, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 157, 255) }
```

Border

The CSS property to change the border of an element to Yxy 34.3372, 0.2119, 0.2024 is called "border". The border property can be set on classes, ids or directly on the HTML element.

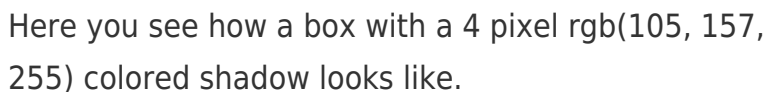
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 157, 255) }
```

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

```
.border{ border-color:rgb(105, 157, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 157, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 157, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 157, 255);  
box-shadow:4px 4px 4px 4px rgb(105, 157,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3372, 0.2119, 0.2024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 157, 255) }
```

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

```
.background{ background-color: rgb(105,  
157, 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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