

Converting Colors

$Yxy(34.0574, 0.2147, 0.2006)$

Have a look what the booklet for
Yxy(34.0574, 0.2147, 0.2006)
contains.

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Color

Yxy(34.1074, 0.2146, 0.2008)

Conversions

Conversions Part 1

Format	Color
Hex	709BFF
RGB	112, 155, 255
RGB Percent	44%, 61%, 100%
CMY	0.5610, 0.3921, 0.0000
CMYK	0.56, 0.39, 0.00, 0.00
HSL	222°, 100%, 72%
HSV	222°, 56%, 100%
XYZ	36.4514, 34.1074, 99.2987
YIQ	153.5430, -57.7280, 21.9840

Conversions

Conversions Part 2

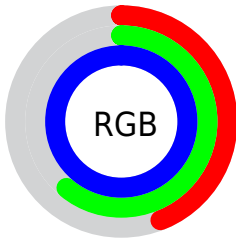
Format	Color
RYB	112, 145, 255
Decimal	7379967
CIELab	65.05, 13.93, -54.21
CIELCh	65, 55.973, 284.406
Yxy	34.1074, 0.2146, 0.2008
Android (android.graphics.Color)	4285570047 (0xFF709BFF)
YUV	153.5430, 50.0183, -36.4332
Hunter-Lab	58.4015, 9.2084, -59.9283

Details

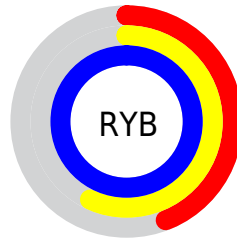
The Yxy color **34.1074, 0.2146, 0.2008** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **69.4810, 0.4170, 0.4280**, and the grayscale version is **31.8945, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.5916, 0.2596, 0.2763**, and **14.5133, 0.1880, 0.1686** is the 20% darker color. If you saturate the color by 10%, you get **27.1634, 0.1977, 0.1738**, and if you desaturate by 10%, it is **42.3982, 0.2327, 0.2276**.

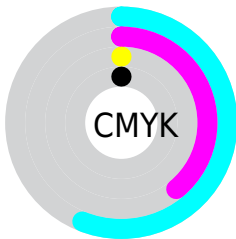
Distribution



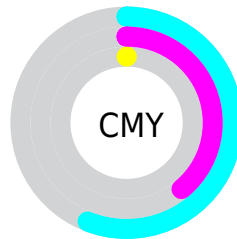
- Red (44%)
- Green (61%)
- Blue (100%)



- Red (44%)
- Yellow (57%)
- Blue (100%)



- Cyan (56%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)





- Cyan (56%)
- Magenta (39%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.1074, 0.2146, 0.2008 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 34.1074, 0.2146, 0.2008 by changing the saturation by 10% instead.

 34.1074, 0.2146,
0.2008


 34.1074, 0.2146,
0.2008


320.6107, 0.2637,
0.2623


 22.9761, 0.2028,
0.1867


 66.1006, 0.2322,
0.2223

 14.5759, 0.1882,
0.1696


 87.7314, 0.2389,
0.2306

 8.5223, 0.1696,
0.1484


 113.6308, 0.2446,
0.2378

 4.4309, 0.1457,
0.1221

144.1832, 0.2495,
0.2440

 1.9174, 0.1146,
0.0896

179.7729, 0.2538,
0.2495

 0.5588, 0.0756,
0.0485

220.7845, 0.2575,

 0.0000, 0.0000,

0.2543

0.0000

267.6023, 0.2608,
0.2585

■ 34.1074, 0.2146,
0.2008

■ 34.1074, 0.2146,
0.2008

■ 27.1634, 0.1977,
0.1738

■ 42.3982, 0.2327,
0.2276

■ 21.4902, 0.1829,
0.1477

■ 52.1113, 0.2513,
0.2533

■ 16.9975, 0.1711,
0.1240

■ 63.3124, 0.2695,
0.2771

■ 13.5808, 0.1628,
0.1037

■ 76.0636, 0.2870,
0.2988

■ 12.4955, 0.1602,
0.0968

■ 90.4234, 0.3033,
0.3183

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.



34.1074, 0.1761, 0.2114



34.1074, 0.2146, 0.2008



34.1074, 0.2827, 0.2163

Triad

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



34.1074, 0.2146, 0.2008



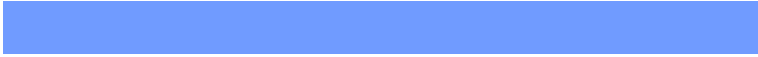
34.1074, 0.4834, 0.3674



34.1074, 0.2448, 0.4258

Complementary

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



34.1074, 0.2146, 0.2008



69.4810, 0.4170, 0.4280

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.



34.1074, 0.3227, 0.4851



34.1074, 0.2146, 0.2008



34.1074, 0.4628, 0.4290

Square

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



34.1074, 0.2146, 0.2008



34.1074, 0.4495, 0.3068



34.1074, 0.4024, 0.4783



34.1074, 0.1897, 0.3310

Rectangle

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



34.1074, 0.2146, 0.2008



34.1074, 0.3407, 0.2391



34.1074, 0.4024, 0.4783



34.1074, 0.2692, 0.4523

Sweetspot

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



34.1063, 0.2146, 0.2008



74.8538, 0.2854, 0.2970



79.5989, 0.2611, 0.3847



15.4524, 0.2820, 0.2927



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.



34.1063, 0.2146, 0.2008



26.6034, 0.1963, 0.1714



24.2125, 0.2201, 0.1552



18.2692, 0.2979, 0.3119



6.7562, 0.1610, 0.0996



0.8396, 0.1671, 0.1215

Inverse Universe

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



35.2018, 0.4299, 0.2858



29.3898, 0.4675, 0.2813



89.3091, 0.3752, 0.4724



18.0771, 0.3247, 0.3219



11.4100, 0.5765, 0.2949



1.1293, 0.5445, 0.2773

Previews

White Background



This preview shows how the Yxy color 34.1074, 0.2146, 0.2008 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 34.1074, 0.2146, 0.2008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

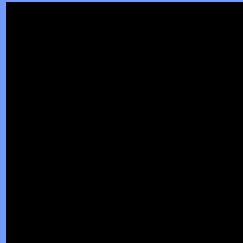
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

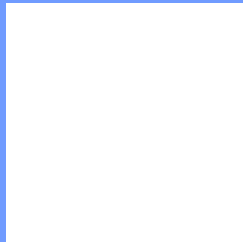
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.1074, 0.2146, 0.2008

Background



This preview shows how black text looks on a background with the Yxy color 34.1074, 0.2146, 0.2008.



This preview shows how white text looks on a background with the Yxy color 34.1074, 0.2146, 0.2008.

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

34.1074, 0.2146, 0.2008

Protanopia

34.1185, 0.2179, 0.2014

Deuteranopia

34.2621, 0.2098, 0.2039



Tritanopia

34.1414, 0.2402, 0.3064

Trichromacy



Original Color

34.1074, 0.2146, 0.2008

Protanomaly

33.9800, 0.2168, 0.2010

Deuteranomaly

34.2128, 0.2118, 0.2032

Tritanomaly

33.9963, 0.2297, 0.2620

Monochromacy



Original Color

34.1074, 0.2146, 0.2008

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

32.3618, 0.2682, 0.2746

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.1074, 0.2146, 0.2008 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(112, 155, 255)` looks like.

```
.text, #text, p{  
    color:rgb(112, 155, 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(112, 155, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 155, 255) }
```

Border

The CSS property to change the border of an element to Yxy 34.1074, 0.2146, 0.2008 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(112, 155, 255) }
```

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

```
.border{ border-color:rgb(112, 155, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 155, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 155, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 155, 255);  
box-shadow:4px 4px 4px 4px rgb(112, 155,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 34.1074, 0.2146, 0.2008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 155, 255) }
```

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

```
.background{ background-color: rgb(112,  
155, 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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