

Converting Colors

$Y_{xy}(32.0879, 0.1955, 0.2208)$

Have a look what the booklet for
Yxy(32.0879, 0.1955, 0.2208)
contains.

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Color

Yxy(32.0484, 0.1954, 0.2206)

Conversions

Conversions Part 1

Format	Color
Hex	0EA2ED
RGB	14, 162, 237
RGB Percent	5%, 64%, 93%
CMY	0.9466, 0.3647, 0.0704
CMYK	0.94, 0.32, 0.00, 0.07
HSL	200°, 89%, 49%
HSV	200°, 94%, 93%
XYZ	28.3874, 32.0484, 84.8425
YIQ	126.2980, -112.2830, -8.0510

Conversions

Conversions Part 2

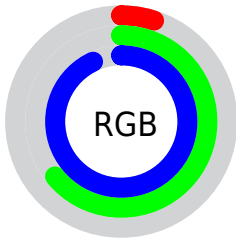
Format	Color
RYB	14, 103, 237
Decimal	959213
CIELab	63.38, -7.95, -47.17
CIELCh	63, 47.839, 260.437
Yxy	32.0484, 0.1954, 0.2206
Android (android.graphics.Color)	4279149293 (0xFF0EA2ED)
YUV	126.2980, 54.5761, -98.4853
Hunter-Lab	56.6113, -9.5621, -49.2292

Details

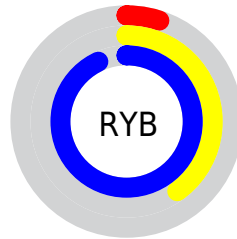
The Yxy color **32.0484, 0.1954, 0.2206** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **25.1300, 0.5763, 0.3756**, and the grayscale version is **20.7716, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.1607, 0.2313, 0.2823**, and **14.7051, 0.1881, 0.1973** is the 20% darker color. If you saturate the color by 10%, you get **30.3770, 0.1926, 0.2134**, and if you desaturate by 10%, it is **35.2527, 0.2015, 0.2334**.

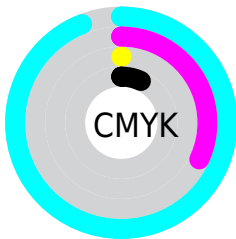
Distribution



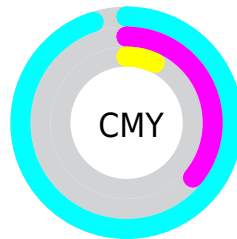
- Red (5%)
- Green (64%)
- Blue (93%)



- Red (5%)
- Yellow (40%)
- Blue (93%)



- Cyan (94%)
- Magenta (32%)
- Yellow (0%)
- Black (7%)




- Cyan (95%)
- Magenta (36%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.0484, 0.1954, 0.2206 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 32.0484, 0.1954, 0.2206 by changing the saturation by 10% instead.


 32.0484, 0.1954,
0.2206


 32.0484, 0.1954,
0.2206


311.3397, 0.2537,
0.2758


 21.3985, 0.1816,
0.2071


 62.8870, 0.2162,
0.2406


 13.4156, 0.1644,
0.1902


 83.8444, 0.2241,
0.2481


 7.7153, 0.1429,
0.1685


 109.0064, 0.2309,
0.2545

 3.9133, 0.1156,
0.1404

 138.7575, 0.2367,
0.2600

 1.6252, 0.0813,
0.1039

 173.4819, 0.2418,
0.2647

 0.3745, 0.0211,
0.0489

213.5642, 0.2462,

 0.0000, 0.0000,

0.2689

0.0000

259.3886, 0.2502,
0.2725

■ 32.0484, 0.1954,
0.2206

■ 32.0484, 0.1954,
0.2206

■ 30.3770, 0.1926,
0.2134

■ 35.2527, 0.2015,
0.2334

■ 38.9214, 0.2097,
0.2464

■ 43.1061, 0.2199,
0.2594

■ 47.8487, 0.2319,
0.2721

■ 53.1856, 0.2454,
0.2843

■ 59.1494, 0.2599,
0.2958

■ 65.7700, 0.2751,
0.3066

■ 73.0749, 0.2906,
0.3165

■ 81.0898, 0.3062,
0.3255

Harmonies

Analogous

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



32.0484, 0.1821, 0.2534



32.0484, 0.1954, 0.2206



32.0484, 0.2361, 0.2153

Triad

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



32.0484, 0.1954, 0.2206



32.0484, 0.4419, 0.3213



32.0484, 0.3087, 0.4573

Complementary

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



32.0484, 0.1954, 0.2206



25.1300, 0.5763, 0.3756

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.



32.0484, 0.3806, 0.4653



32.0484, 0.1954, 0.2206



32.0484, 0.4629, 0.3770

Square

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



32.0484, 0.1954, 0.2206



32.0484, 0.3795, 0.2710



32.0484, 0.4380, 0.4302



32.0484, 0.2418, 0.3970

Rectangle

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



32.0484, 0.1954, 0.2206



32.0484, 0.2776, 0.2251



32.0484, 0.4380, 0.4302



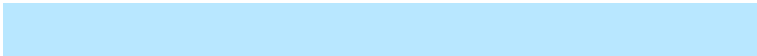
32.0484, 0.3331, 0.4662

Sweetspot

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



32.0494, 0.1954, 0.2206



74.5241, 0.2692, 0.3025



61.3895, 0.2852, 0.5431



15.2342, 0.2626, 0.2978



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.



32.0494, 0.1954, 0.2206



35.7291, 0.1925, 0.2129



8.5622, 0.1568, 0.0807



16.2202, 0.2981, 0.3209



16.8299, 0.1932, 0.2154



1.4977, 0.1981, 0.2330

Inverse Universe

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



20.9245, 0.4222, 0.2123



24.1380, 0.4309, 0.2148



59.2608, 0.4493, 0.4787



15.2228, 0.3189, 0.3135



11.1918, 0.4282, 0.2132



0.8966, 0.4095, 0.2029

Previews

White Background



This preview shows how the Yxy color 32.0484, 0.1954, 0.2206 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 32.0484, 0.1954, 0.2206 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

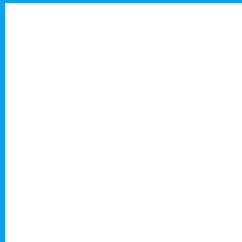
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.0484, 0.1954, 0.2206

Background



This preview shows how black text looks on a background with the Yxy color 32.0484, 0.1954, 0.2206.



This preview shows how white text looks on a background with the Yxy color 32.0484, 0.1954, 0.2206.

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

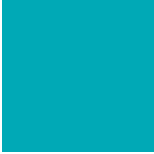
32.0484, 0.1954, 0.2206

Protanopia

31.7944, 0.2347, 0.2236

Deuteranopia

31.6917, 0.2170, 0.2107



Tritanopia

31.7533, 0.2185, 0.3066

Trichromacy



Original Color

32.0484, 0.1954, 0.2206

Protanomaly

30.8120, 0.2115, 0.2193

Deuteranomaly

31.3277, 0.2045, 0.2136

Tritanomaly

31.5690, 0.2089, 0.2707

Monochromacy



Original Color

32.0484, 0.1954, 0.2206

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

23.1497, 0.2407, 0.2806

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0484, 0.1954, 0.2206 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(14, 162, 237)` looks like.

```
.text, #text, p{  
    color:rgb(14, 162, 237)  
}
```

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(14, 162, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 162, 237) }
```

Border

The CSS property to change the border of an element to Yxy 32.0484, 0.1954, 0.2206 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(14, 162, 237) }
```

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

```
.border{ border-color:rgb(14, 162, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 162, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 162, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 162, 237);  
box-shadow:4px 4px 4px 4px rgb(14, 162,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 32.0484, 0.1954, 0.2206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 162, 237) }
```

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

```
.background{ background-color: rgb(14, 162,  
237) }
```

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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