

Converting Colors

$Yxy(32.6118, 0.2088, 0.2222)$

Have a look what the booklet for
Yxy(32.6118, 0.2088, 0.2222)
contains.

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Color

Yxy(32.7595, 0.2092, 0.2232)

Conversions

Conversions Part 1

Format	Color
Hex	4EA0EB
RGB	78, 160, 235
RGB Percent	31%, 63%, 92%
CMY	0.6944, 0.3725, 0.0784
CMYK	0.67, 0.32, 0.00, 0.08
HSL	209°, 80%, 61%
HSV	209°, 67%, 92%
XYZ	30.7047, 32.7595, 83.3078
YIQ	144.0320, -72.9470, 5.9410

Conversions

Conversions Part 2

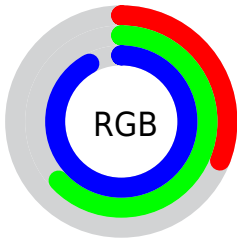
Format	Color
R_{YB}	78, 132, 235
Decimal	5153003
CIE Lab	63.97, -1.60, -45.05
CIE LCh	64, 45.081, 267.963
Yxy	32.7595, 0.2092, 0.2232
Android (android.graphics.Color)	4283343083 (0xFF4EA0EB)
YUV	144.0320, 44.8472, -57.9101
Hunter-Lab	57.2359, -4.4050, -46.2324

Details

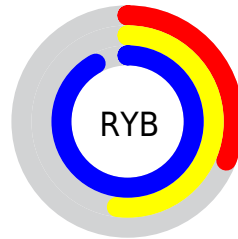
The Yxy color **32.7595, 0.2092, 0.2232** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **40.9750, 0.4673, 0.4072**, and the grayscale version is **27.7364, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.9759, 0.2439, 0.2802**, and **14.1920, 0.1877, 0.1958** is the 20% darker color. If you saturate the color by 10%, you get **28.2229, 0.1974, 0.2044**, and if you desaturate by 10%, it is **38.0039, 0.2229, 0.2419**.

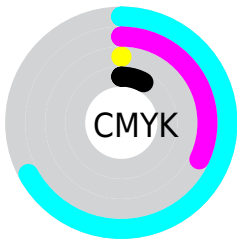
Distribution



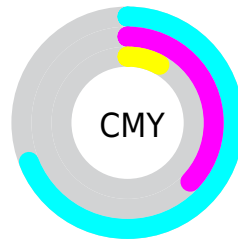
- Red (31%)
- Green (63%)
- Blue (92%)



- Red (31%)
- Yellow (52%)
- Blue (92%)



- Cyan (67%)
- Magenta (32%)
- Yellow (0%)
- Black (8%)





- Cyan (69%)
- Magenta (37%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.7595, 0.2092, 0.2232 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 32.7595, 0.2092, 0.2232 by changing the saturation by 10% instead.


 32.7595, 0.2092,
0.2232


 32.7595, 0.2092,
0.2232


314.5646, 0.2611,
0.2765


 21.9423, 0.1967,
0.2102


 63.9999, 0.2278,
0.2424


 13.8145, 0.1810,
0.1940


 85.1918, 0.2349,
0.2497

 7.9918, 0.1609,
0.1731


 110.6107, 0.2409,
0.2559

 4.0897, 0.1349,
0.1460

 140.6411, 0.2461,
0.2612

 1.7238, 0.1011,
0.1104

175.6673, 0.2506,
0.2658

 0.4390, 0.0494,
0.0574

216.0737, 0.2545,

 0.0000, 0.0000,

0.2698

0.0000

262.2447, 0.2580,
0.2734

■ 32.7595, 0.2092,
0.2232

■ 32.7595, 0.2092,
0.2232

■ 28.2229, 0.1974,
0.2044

■ 38.0039, 0.2229,
0.2419

■ 24.3418, 0.1878,
0.1859

■ 43.9956, 0.2379,
0.2600


■ 21.0567, 0.1806,
0.1683


■ 50.7742, 0.2538,
0.2771


■ 20.1135, 0.1786,
0.1629


■ 58.3752, 0.2701,
0.2930

■ 66.8313, 0.2863,
0.3076

 76.1732, 0.3022,
0.3208

 86.4300, 0.3175,
0.3326

 95.4936, 0.3249,
0.3434

 98.7786, 0.3244,
0.3483

Harmonies

Analogous

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



32.7595, 0.1899, 0.2479



32.7595, 0.2092, 0.2232



32.7595, 0.2544, 0.2239

Triad

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



32.7595, 0.2092, 0.2232



32.7595, 0.4427, 0.3355



32.7595, 0.2926, 0.4380

Complementary

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



32.7595, 0.2092, 0.2232



40.9750, 0.4673, 0.4072

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.



32.7595, 0.3610, 0.4592



32.7595, 0.2092, 0.2232



32.7595, 0.4517, 0.3886

Square

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



32.7595, 0.2092, 0.2232



32.7595, 0.3924, 0.2856



32.7595, 0.4198, 0.4355



32.7595, 0.2333, 0.3737

Rectangle

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



32.7595, 0.2092, 0.2232



32.7595, 0.2969, 0.2366



32.7595, 0.4198, 0.4355



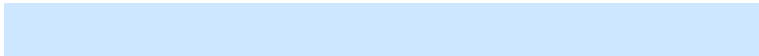
32.7595, 0.3153, 0.4508

Sweetspot

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



32.7606, 0.2092, 0.2232



77.0123, 0.2811, 0.3030



63.2807, 0.2721, 0.4478



15.8667, 0.2765, 0.2989



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.



32.7606, 0.2092, 0.2232



32.2385, 0.1937, 0.1978



13.8291, 0.1843, 0.1200



15.8513, 0.2981, 0.3175



11.4508, 0.1793, 0.1656



1.0917, 0.1861, 0.1898

Inverse Universe

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



25.6421, 0.4131, 0.2444



26.0822, 0.4444, 0.2387



74.6799, 0.4073, 0.4763



15.1855, 0.3211, 0.3168



10.6488, 0.4861, 0.2451



0.8556, 0.4570, 0.2291

Previews

White Background



This preview shows how the Yxy color 32.7595, 0.2092, 0.2232 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 32.7595, 0.2092, 0.2232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

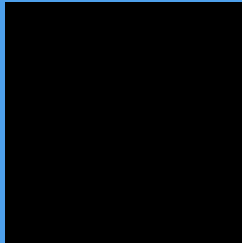
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

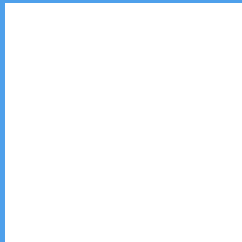
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.7595, 0.2092, 0.2232

Background



This preview shows how black text looks on a background with the Yxy color 32.7595, 0.2092, 0.2232.



This preview shows how white text looks on a background with the Yxy color 32.7595, 0.2092, 0.2232.

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

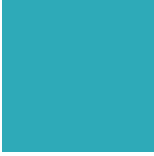
32.7595, 0.2092, 0.2232

Protanopia

32.3238, 0.2357, 0.2242

Deuteranopia

32.6780, 0.2233, 0.2177



Tritanopia

32.7910, 0.2250, 0.3055

Trichromacy



Original Color

32.7595, 0.2092, 0.2232

Protanomaly

32.1957, 0.2240, 0.2225

Deuteranomaly

32.5424, 0.2170, 0.2188

Tritanomaly

32.4838, 0.2179, 0.2706

Monochromacy



Original Color

32.7595, 0.2092, 0.2232

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

28.9801, 0.2623, 0.2859

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.7595, 0.2092, 0.2232 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(78, 160, 235)` looks like.

```
.text, #text, p{  
    color:rgb(78, 160, 235)  
}
```

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(78, 160, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 160, 235) }
```

Border

The CSS property to change the border of an element to Yxy 32.7595, 0.2092, 0.2232 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(78, 160, 235) }
```

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

```
.border{ border-color:rgb(78, 160, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 160, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 160, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 160, 235);  
box-shadow:4px 4px 4px 4px rgb(78, 160,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 32.7595, 0.2092, 0.2232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 160, 235) }
```

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

```
.background{ background-color: rgb(78, 160,  
235) }
```

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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