

Converting Colors

$Yxy(28.8598, 0.1949, 0.2152)$

Have a look what the booklet for
Yxy(28.8598, 0.1949, 0.2152)
contains.

Yxy(29.0186, 0.1952, 0.2160)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	29

Color

Yxy(29.0186, 0.1952, 0.2160)

Conversions

Conversions Part 1

Format	Color
Hex	189AE6
RGB	24, 154, 230
RGB Percent	9%, 60%, 90%
CMY	0.9045, 0.3961, 0.0979
CMYK	0.89, 0.33, 0.00, 0.10
HSL	202°, 81%, 50%
HSV	202°, 89%, 90%
XYZ	26.2242, 29.0186, 79.1026
YIQ	123.7940, -101.8760, -3.9240

Conversions

Conversions Part 2

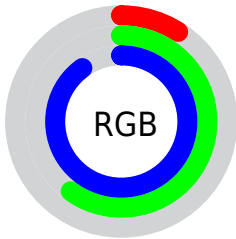
Format	Color
R _Y B	24, 104, 230
Decimal	1612518
CIE Lab	60.80, -5.52, -47.38
CIE LCh	61, 47.703, 263.354
Yxy	29.0186, 0.1952, 0.2160
Android (android.graphics.Color)	4279802598 (0xFF189AE6)
YUV	123.7940, 52.3596, -87.5193
Hunter-Lab	53.8689, -7.3741, -49.3548

Details

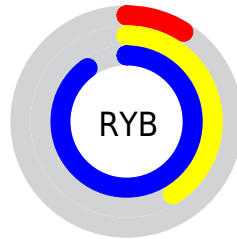
The Yxy color **29.0186, 0.1952, 0.2160** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **26.0872, 0.5547, 0.3868**, and the grayscale version is **19.9676, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.7113, 0.2292, 0.2708**, and **12.7565, 0.1862, 0.1901** is the 20% darker color. If you saturate the color by 10%, you get **26.1212, 0.1896, 0.2021**, and if you desaturate by 10%, it is **32.3413, 0.2028, 0.2303**.

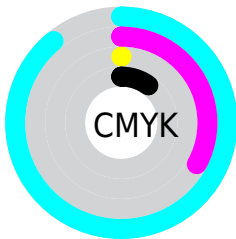
Distribution



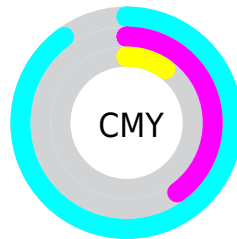
- Red (9%)
- Green (60%)
- Blue (90%)



- Red (9%)
- Yellow (41%)
- Blue (90%)



- Cyan (89%)
- Magenta (33%)
- Yellow (0%)
- Black (10%)



- Cyan (90%)
- Magenta (40%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.0186, 0.1952, 0.2160 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 29.0186, 0.1952, 0.2160 by changing the saturation by 10% instead.

■ 29.0186, 0.1952,
0.2160

■ 29.0186, 0.1952,
0.2160

■ 297.3027, 0.2545,
0.2740

■ 19.0949, 0.1809,
0.2017

■ 58.1066, 0.2165,
0.2371

■ 11.7389, 0.1630,
0.1837

■ 78.0398, 0.2246,
0.2450

■ 6.5661, 0.1404,
0.1605

■ 102.0781, 0.2315,
0.2518

■ 3.1923, 0.1116,
0.1306

■ 130.6062, 0.2374,
0.2575

■ 1.2329, 0.0755,
0.0920

■ 164.0082, 0.2425,
0.2625

■ 0.0883, 0.0000,
0.0144

■ 202.6688, 0.2470,

■ 0.0000, 0.0000,

0.2668

0.0000

246.9721, 0.2510,
0.2706

■ 29.0186, 0.1952,
0.2160

■ 29.0186, 0.1952,
0.2160

■ 26.1212, 0.1896,
0.2021

■ 32.3413, 0.2028,
0.2303

■ 25.9588, 0.1893,
0.2013

■ 36.1544, 0.2125,
0.2447

■ 40.5022, 0.2241,
0.2589

■ 45.4219, 0.2374,
0.2728

■ 50.9464, 0.2518,
0.2860

■ 57.1056, 0.2669,
0.2983

■ 63.9271, 0.2825,
0.3097

■ 71.4363, 0.2982,
0.3201

■ 79.6573, 0.3136,
0.3295

Harmonies

Analogous

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



29.0186, 0.1788, 0.2464



29.0186, 0.1952, 0.2160



29.0186, 0.2395, 0.2133

Triad

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



29.0186, 0.1952, 0.2160



29.0186, 0.4501, 0.3262



29.0186, 0.3010, 0.4579

Complementary

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



29.0186, 0.1952, 0.2160



26.0872, 0.5547, 0.3868

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.



29.0186, 0.3753, 0.4710



29.0186, 0.1952, 0.2160



29.0186, 0.4667, 0.3833

Square

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



29.0186, 0.1952, 0.2160



29.0186, 0.3889, 0.2739



29.0186, 0.4367, 0.4372



29.0186, 0.2339, 0.3912

Rectangle

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



29.0186, 0.1952, 0.2160



29.0186, 0.2835, 0.2247



29.0186, 0.4367, 0.4372



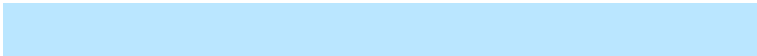
29.0186, 0.3260, 0.4688

Sweetspot

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



29.0195, 0.1952, 0.2160



74.0177, 0.2704, 0.3010



57.7240, 0.2811, 0.5238



15.2372, 0.2651, 0.2969



0.0000, 0.0000, 0.0000



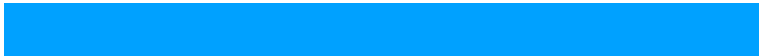
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.0195, 0.1952, 0.2160



32.6106, 0.1890, 0.2005



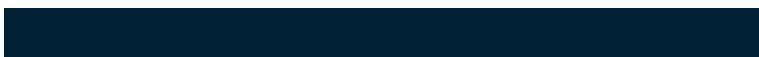
8.3500, 0.1591, 0.0836



15.3935, 0.2981, 0.3201



14.9338, 0.1899, 0.2035



1.2798, 0.1955, 0.2238

Inverse Universe

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



19.8285, 0.4265, 0.2179



23.8232, 0.4447, 0.2223



59.4214, 0.4396, 0.4831



14.5201, 0.3194, 0.3143



10.7053, 0.4414, 0.2205



0.8089, 0.4191, 0.2083

Previews

White Background



This preview shows how the Yxy color 29.0186, 0.1952, 0.2160 looks on a white background.

Color Contrast Check

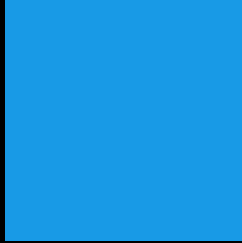
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0186, 0.1952, 0.2160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

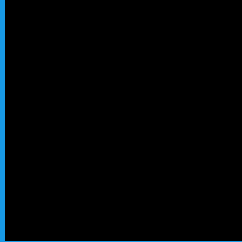
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

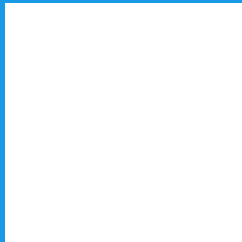
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.0186, 0.1952, 0.2160

Background



This preview shows how black text looks on a background with the Yxy color 29.0186, 0.1952, 0.2160.

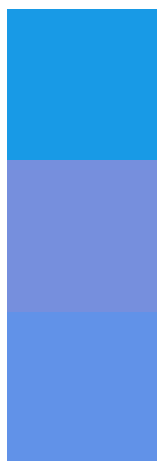


This preview shows how white text looks on a background with the Yxy color 29.0186, 0.1952, 0.2160.

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

29.0186, 0.1952, 0.2160

Protanopia

28.7169, 0.2309, 0.2185

Deuteranopia

28.9254, 0.2141, 0.2080

Trichromacy



Original Color

29.0186, 0.1952, 0.2160

Protanomaly

28.1341, 0.2116, 0.2161

Deuteranomaly

28.6040, 0.2041, 0.2103

Monochromacy



Original Color

29.0186, 0.1952, 0.2160

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

22.0470, 0.2436, 0.2782

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0186, 0.1952, 0.2160 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(24, 154, 230)` looks like.

```
.text, #text, p{  
    color:rgb(24, 154, 230)  
}
```

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(24, 154, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 154, 230) }
```

Border

The CSS property to change the border of an element to Yxy 29.0186, 0.1952, 0.2160 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(24, 154, 230) }
```

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

```
.border{ border-color:rgb(24, 154, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 154, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 154, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 154, 230);  
box-shadow:4px 4px 4px 4px rgb(24, 154,  
230) }
```

Background

The CSS property to change the background color of an element to Yxy 29.0186, 0.1952, 0.2160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 154, 230) }
```

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

```
.background{ background-color: rgb(24, 154,  
230) }
```

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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