

Converting Colors

$Yxy(27.0630, 0.1988, 0.2208)$

Have a look what the booklet for
Yxy(27.0630, 0.1988, 0.2208)
contains.

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Color

Yxy(27.0027, 0.1987, 0.2209)

Conversions

Conversions Part 1

Format	Color
Hex	2595DB
RGB	37, 149, 219
RGB Percent	15%, 58%, 86%
CMY	0.8559, 0.4156, 0.1412
CMYK	0.83, 0.32, 0.00, 0.14
HSL	203°, 72%, 50%
HSV	203°, 83%, 86%
XYZ	24.2890, 27.0027, 70.9478
YIQ	123.4920, -89.2220, -1.9740

Conversions

Conversions Part 2

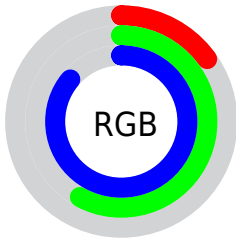
Format	Color
R_{YB}	37, 106, 219
Decimal	2463195
CIE Lab	58.98, -5.88, -44.12
CIE LCh	59, 44.510, 262.405
Yxy	27.0027, 0.1987, 0.2209
Android (android.graphics.Color)	4280653275 (0xFF2595DB)
YUV	123.4920, 47.0854, -75.8535
Hunter-Lab	51.9641, -7.5030, -44.5751

Details

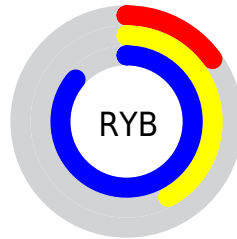
The Yxy color **27.0027, 0.1987, 0.2209** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **25.6495, 0.5327, 0.3930**, and the grayscale version is **19.8185, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4426, 0.2286, 0.2644**, and **11.6040, 0.1875, 0.1949** is the 20% darker color. If you saturate the color by 10%, you get **24.1494, 0.1917, 0.2062**, and if you desaturate by 10%, it is **30.2920, 0.2079, 0.2358**.

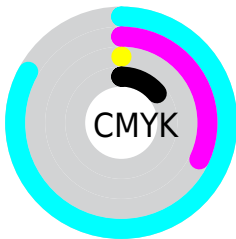
Distribution



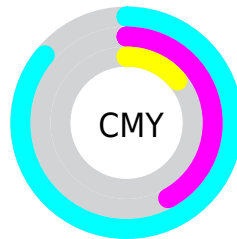
- Red (15%)
- Green (58%)
- Blue (86%)



- Red (15%)
- Yellow (42%)
- Blue (86%)



- Cyan (83%)
- Magenta (32%)
- Yellow (0%)
- Black (14%)



- Cyan (86%)
- Magenta (42%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.0027, 0.1987, 0.2209 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 27.0027, 0.1987, 0.2209 by changing the saturation by 10% instead.

■ 27.0027, 0.1987,
0.2209

■ 27.0027, 0.1987,
0.2209

■ 287.6702, 0.2571,
0.2774

■ 17.5753, 0.1843,
0.2066

■ 54.8882, 0.2200,
0.2417

■ 10.6455, 0.1661,
0.1884

■ 74.1150, 0.2280,
0.2495

■ 5.8290, 0.1427,
0.1647

■ 97.3771, 0.2347,
0.2560

■ 2.7414, 0.1125,
0.1334

■ 125.0589, 0.2405,
0.2615

■ 0.9982, 0.0740,
0.0923

■ 157.5447, 0.2455,
0.2663

■ 0.0000, 0.0000,
0.0000

195.2189, 0.2499,

0.2705

238.4659, 0.2537,
0.2741

■ 27.0027, 0.1987,
0.2209

■ 27.0027, 0.1987,
0.2209

■ 24.1494, 0.1917,
0.2062

■ 30.2920, 0.2079,
0.2358

■ 22.4172, 0.1879,
0.1965

■ 34.0563, 0.2190,
0.2507

■ 38.3318, 0.2319,
0.2653

■ 43.1492, 0.2460,
0.2793

■ 48.5363, 0.2611,
0.2924

■ 54.5188, 0.2766,
0.3047

■ 61.1201, 0.2923,
0.3158

■ 68.3625, 0.3078,
0.3260

■ 76.2670, 0.3229,
0.3350

Harmonies

Analogous

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



27.0027, 0.1837, 0.2515



27.0027, 0.1987, 0.2209



27.0027, 0.2407, 0.2173

Triad

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



27.0027, 0.1987, 0.2209



27.0027, 0.4427, 0.3251



27.0027, 0.3043, 0.4527

Complementary

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



27.0027, 0.1987, 0.2209



25.6495, 0.5327, 0.3930

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.



27.0027, 0.3755, 0.4644



27.0027, 0.1987, 0.2209



27.0027, 0.4605, 0.3803

Square

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



27.0027, 0.1987, 0.2209



27.0027, 0.3834, 0.2748



27.0027, 0.4335, 0.4321



27.0027, 0.2391, 0.3908

Rectangle

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



27.0027, 0.1987, 0.2209



27.0027, 0.2827, 0.2278



27.0027, 0.4335, 0.4321



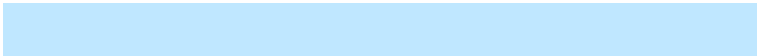
27.0027, 0.3283, 0.4627

Sweetspot

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



27.0036, 0.1987, 0.2209



75.2135, 0.2735, 0.3023



52.1039, 0.2784, 0.5050



15.4502, 0.2680, 0.2980



0.0000, 0.0000, 0.0000



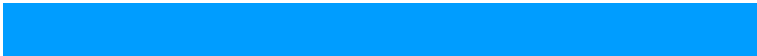
21.4041, 0.3127, 0.3290

Same Dimension

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



27.0036, 0.1987, 0.2209



31.3638, 0.1876, 0.1953



8.5297, 0.1646, 0.0933



13.9461, 0.2982, 0.3198



13.5105, 0.1885, 0.1987



1.0401, 0.1951, 0.2222

Inverse Universe

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



18.5375, 0.4202, 0.2207



23.6973, 0.4506, 0.2256



55.4589, 0.4322, 0.4825



13.1857, 0.3196, 0.3147



9.9877, 0.4468, 0.2235



0.6637, 0.4208, 0.2092

Previews

White Background



This preview shows how the Yxy color 27.0027, 0.1987, 0.2209 looks on a white background.

Color Contrast Check

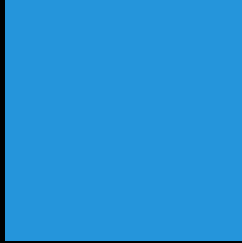
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0027, 0.1987, 0.2209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

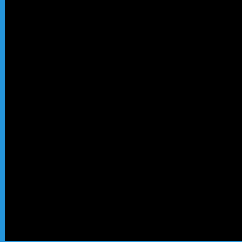
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

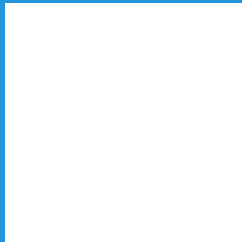
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.0027, 0.1987, 0.2209

Background



This preview shows how black text looks on a background with the Yxy color 27.0027, 0.1987, 0.2209.



This preview shows how white text looks on a background with the Yxy color 27.0027, 0.1987, 0.2209.

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

27.0027, 0.1987, 0.2209

Protanopia

26.9003, 0.2354, 0.2246

Deuteranopia

26.8669, 0.2181, 0.2122



Tritanopia

26.9785, 0.2186, 0.3068

Trichromacy



Original Color

27.0027, 0.1987, 0.2209

Protanomaly

26.5237, 0.2171, 0.2227

Deuteranomaly

26.6503, 0.2086, 0.2149

Tritanomaly

26.7846, 0.2099, 0.2717

Monochromacy



Original Color

27.0027, 0.1987, 0.2209

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

21.2465, 0.2494, 0.2813

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0027, 0.1987, 0.2209 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(37, 149, 219)` looks like.

```
.text, #text, p{  
    color:rgb(37, 149, 219)  
}
```

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(37, 149, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 149, 219) }
```

Border

The CSS property to change the border of an element to Yxy 27.0027, 0.1987, 0.2209 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(37, 149, 219) }
```

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

```
.border{ border-color:rgb(37, 149, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 149, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 149, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 149, 219);  
box-shadow:4px 4px 4px 4px rgb(37, 149,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0027, 0.1987, 0.2209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 149, 219) }
```

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

```
.background{ background-color: rgb(37, 149,  
219) }
```

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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