

Converting Colors

$Yxy(26.6543, 0.1992, 0.2315)$

Have a look what the booklet for
Yxy(26.6543, 0.1992, 0.2315)
contains.

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Color

Yxy(26.6543, 0.1992, 0.2315)

Conversions

Conversions Part 1

Format	Color
Hex	1396D3
RGB	19, 150, 211
RGB Percent	7%, 59%, 83%
CMY	0.9240, 0.4118, 0.1726
CMYK	0.91, 0.29, 0.00, 0.17
HSL	199°, 83%, 45%
HSV	199°, 91%, 83%
XYZ	22.9354, 26.6543, 65.5477
YIQ	117.7850, -97.6570, -8.8010

Conversions

Conversions Part 2

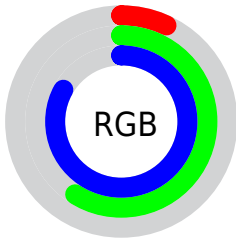
Format	Color
RYB	19, 97, 211
Decimal	1283795
CIELab	58.65, -10.49, -40.16
CIELCh	59, 41.510, 255.356
Yxy	26.6543, 0.1992, 0.2315
Android (android.graphics.Color)	4279473875 (0xFF1396D3)
YUV	117.7850, 45.9550, -86.6344
Hunter-Lab	51.6278, -11.0510, -39.1363

Details

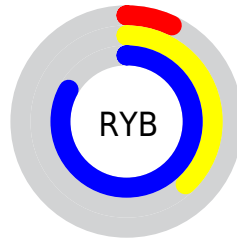
The Yxy color **26.6543, 0.1992, 0.2315** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **19.6839, 0.5699, 0.3755**, and the grayscale version is **17.9580, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4090, 0.2258, 0.2652**, and **11.3240, 0.1907, 0.2064** is the 20% darker color. If you saturate the color by 10%, you get **24.5960, 0.1946, 0.2206**, and if you desaturate by 10%, it is **29.1784, 0.2058, 0.2436**.

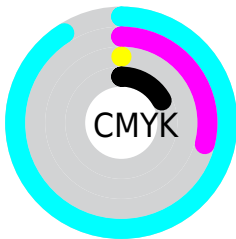
Distribution



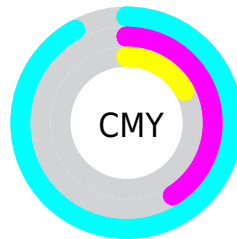
- Red (7%)
- Green (59%)
- Blue (83%)



- Red (7%)
- Yellow (38%)
- Blue (83%)



- Cyan (91%)
- Magenta (29%)
- Yellow (0%)
- Black (17%)





- Cyan (92%)
- Magenta (41%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6543, 0.1992, 0.2315 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 26.6543, 0.1992, 0.2315 by changing the saturation by 10% instead.


 26.6543, 0.1992,
0.2315

 26.6543, 0.1992,
0.2315


285.9794, 0.2576,
0.2834


 17.3138, 0.1846,
0.2180


 54.3286, 0.2205,
0.2509


 10.4584, 0.1662,
0.2005


 73.4312, 0.2285,
0.2580


 5.7040, 0.1424,
0.1773

 96.5566, 0.2353,
0.2640

 2.6659, 0.1114,
0.1459

 124.0892, 0.2411,
0.2691

 0.9599, 0.0703,
0.1032

 156.4134, 0.2461,
0.2734

 0.0000, 0.0000,
0.0000

193.9135, 0.2504,

0.2772

236.9741, 0.2542,
0.2805

■ 26.6543, 0.1992,
0.2315

■ 26.6543, 0.1992,
0.2315

■ 24.5960, 0.1946,
0.2206

■ 29.1784, 0.2058,
0.2436

■ 32.0577, 0.2145,
0.2558

■ 35.3277, 0.2251,
0.2679

■ 39.0179, 0.2374,
0.2796

■ 43.1541, 0.2510,
0.2908

■ 47.7598, 0.2656,
0.3014

■ 52.8562, 0.2807,
0.3112

■ 58.4634, 0.2961,
0.3202

■ 64.6000, 0.3115,
0.3284

Harmonies

Analogous

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



26.6543, 0.1912, 0.2675



26.6543, 0.1992, 0.2315



26.6543, 0.2334, 0.2220

Triad

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



26.6543, 0.1992, 0.2315



26.6543, 0.4243, 0.3141



26.6543, 0.3214, 0.4513

Complementary

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



26.6543, 0.1992, 0.2315



19.6839, 0.5699, 0.3755

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.



26.6543, 0.3871, 0.4520



26.6543, 0.1992, 0.2315



26.6543, 0.4515, 0.3661

Square

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



26.6543, 0.1992, 0.2315



26.6543, 0.3626, 0.2681



26.6543, 0.4359, 0.4165



26.6543, 0.2568, 0.4031

Rectangle

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



26.6543, 0.1992, 0.2315



26.6543, 0.2697, 0.2287



26.6543, 0.4359, 0.4165



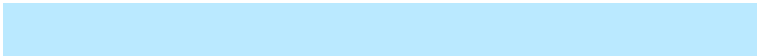
26.6543, 0.3441, 0.4568

Sweetspot

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



26.6552, 0.1992, 0.2315



76.0047, 0.2708, 0.3050



47.2989, 0.2851, 0.5392



15.7082, 0.2657, 0.3015



0.0000, 0.0000, 0.0000



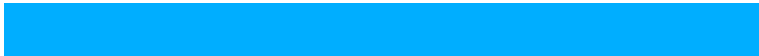
21.4041, 0.3127, 0.3290

Same Dimension

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



26.6552, 0.1992, 0.2315



37.4299, 0.1943, 0.2193



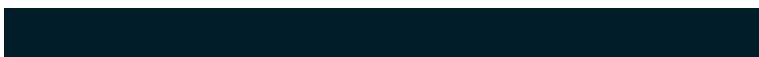
7.5298, 0.1606, 0.0904



12.7460, 0.2983, 0.3214



15.0391, 0.1951, 0.2224



0.9804, 0.2012, 0.2442

Inverse Universe

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



16.5258, 0.4103, 0.2080



24.3097, 0.4240, 0.2109



44.8855, 0.4499, 0.4754



11.9423, 0.3186, 0.3133



9.5895, 0.4207, 0.2091



0.5503, 0.3980, 0.1966

Previews

White Background



This preview shows how the Yxy color 26.6543, 0.1992, 0.2315 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 26.6543, 0.1992, 0.2315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

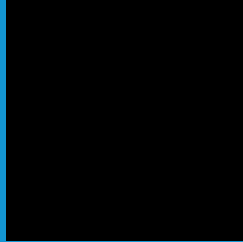
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6543, 0.1992, 0.2315

Background



This preview shows how black text looks on a background with the Yxy color 26.6543, 0.1992, 0.2315.



This preview shows how white text looks on a background with the Yxy color 26.6543, 0.1992, 0.2315.

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

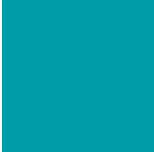
26.6543, 0.1992, 0.2315

Protanopia

26.3871, 0.2430, 0.2342

Deuteranopia

26.5635, 0.2260, 0.2206



Tritanopia

26.6041, 0.2185, 0.3067

Trichromacy



Original Color

26.6543, 0.1992, 0.2315



Protanomaly

25.5928, 0.2180, 0.2300



Deuteranomaly

26.1558, 0.2112, 0.2238



Tritanomaly

26.6171, 0.2107, 0.2763

Monochromacy



Original Color

26.6543, 0.1992, 0.2315



Achromatopsia

18.1164, 0.3127, 0.3290



Achromatomaly

20.0261, 0.2453, 0.2868

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6543, 0.1992, 0.2315 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(19, 150, 211)` looks like.

```
.text, #text, p{  
    color:rgb(19, 150, 211)  
}
```

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(19, 150, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 150, 211) }
```

Border

The CSS property to change the border of an element to Yxy 26.6543, 0.1992, 0.2315 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(19, 150, 211) }
```

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

```
.border{ border-color:rgb(19, 150, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 150, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 150, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 150, 211);  
box-shadow:4px 4px 4px 4px rgb(19, 150,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6543, 0.1992, 0.2315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 150, 211) }
```

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

```
.background{ background-color: rgb(19, 150,  
211) }
```

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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