

Converting Colors

$Yxy(24.9227, 0.2083, 0.2669)$

Have a look what the booklet for
Yxy(24.9227, 0.2083, 0.2669)
contains.

Yxy(25.0137, 0.2083, 0.2670)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	29

Color

$\text{Yxy}(25.0137, 0.2083, 0.2670)$

Conversions

Conversions Part 1

Format	Color
Hex	0995B8
RGB	9, 149, 184
RGB Percent	4%, 58%, 72%
CMY	0.9641, 0.4157, 0.2784
CMYK	0.95, 0.19, 0.00, 0.28
HSL	192°, 91%, 38%
HSV	192°, 95%, 72%
XYZ	19.5144, 25.0137, 49.1561
YIQ	111.1300, -94.6750, -18.7950

Conversions

Conversions Part 2

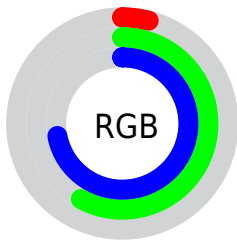
Format	Color
RYB	9, 87, 184
Decimal	628152
CIELab	57.09, -20.07, -27.41
CIELCh	57, 33.973, 233.791
Yxy	25.0137, 0.2083, 0.2670
Android (android.graphics.Color)	4278818232 (0xFF0995B8)
YUV	111.1300, 35.9249, -89.5680
Hunter-Lab	50.0137, -17.8765, -23.2638

Details

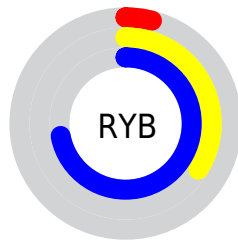
The Yxy color **25.0137, 0.2083, 0.2670** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **12.0277, 0.6052, 0.3512**, and the grayscale version is **15.8655, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.5445, 0.2287, 0.2805**, and **10.3741, 0.2022, 0.2478** is the 20% darker color. If you saturate the color by 10%, you get **24.3792, 0.2065, 0.2634**, and if you desaturate by 10%, it is **26.3810, 0.2127, 0.2742**.

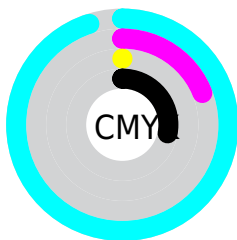
Distribution



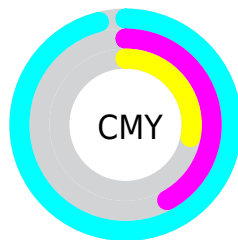
- Red (4%)
- Green (58%)
- Blue (72%)



- Red (4%)
- Yellow (34%)
- Blue (72%)



- Cyan (95%)
- Magenta (19%)
- Yellow (0%)
- Black (28%)





- Cyan (96%)
- Magenta (42%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.0137, 0.2083, 0.2670 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 25.0137, 0.2083, 0.2670 by changing the saturation by 10% instead.

 25.0137, 0.2083,
0.2670


 25.0137, 0.2083,
0.2670


 277.9062, 0.2632,
0.3021


 16.0873, 0.1940,
0.2569


 51.6794, 0.2287,
0.2807


 9.5859, 0.1756,
0.2433


 70.1875, 0.2363,
0.2856


 5.1253, 0.1510,
0.2238

 92.6583, 0.2426,
0.2896

 2.3210, 0.1174,
0.1947

 119.4762, 0.2480,
0.2929

 0.7848, 0.0495,
0.1517

 151.0255, 0.2526,
0.2957

 0.0000, 0.0000,
0.0000

 187.6907, 0.2566,

0.2981

229.8561, 0.2601,
0.3002

■ 25.0137, 0.2083,
0.2670

■ 25.0137, 0.2083,
0.2670

■ 24.3792, 0.2065,
0.2634

■ 26.3810, 0.2127,
0.2742

■ 27.9423, 0.2189,
0.2815

■ 29.7242, 0.2270,
0.2887

■ 31.7478, 0.2369,
0.2958

■ 34.0316, 0.2485,
0.3027

■ 36.5918, 0.2614,
0.3093

■ 39.4434, 0.2753,
0.3155

■ 42.6000, 0.2900,
0.3213

■ 46.0745, 0.3051,
0.3265

Harmonies

Analogous

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



25.0137, 0.2188, 0.3145



25.0137, 0.2083, 0.2670



25.0137, 0.2218, 0.2417

Triad

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



25.0137, 0.2083, 0.2670



25.0137, 0.3710, 0.2876



25.0137, 0.3621, 0.4353

Complementary

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



25.0137, 0.2083, 0.2670



12.0277, 0.6052, 0.3512

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.



25.0137, 0.4082, 0.4147



25.0137, 0.2083, 0.2670



25.0137, 0.4158, 0.3299

Square

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



25.0137, 0.2083, 0.2670



25.0137, 0.3117, 0.2553



25.0137, 0.4292, 0.3752



25.0137, 0.3052, 0.4219

Rectangle

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



25.0137, 0.2083, 0.2670



25.0137, 0.2434, 0.2373



25.0137, 0.4292, 0.3752



25.0137, 0.3794, 0.4316

Sweetspot

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



25.0146, 0.2083, 0.2670



69.1122, 0.2690, 0.3128



34.5303, 0.2934, 0.5719



14.4350, 0.2631, 0.3101



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



25.0146, 0.2083, 0.2670



43.8376, 0.2062, 0.2623



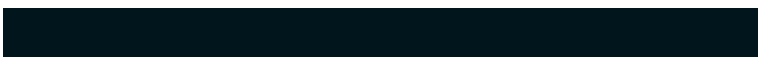
6.9247, 0.1648, 0.1090



9.8968, 0.2985, 0.3243



16.8998, 0.2068, 0.2643



0.6746, 0.2119, 0.2828

Inverse Universe

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



12.5613, 0.3754, 0.1864



22.2649, 0.3802, 0.1868



26.5965, 0.4786, 0.4544



9.1311, 0.3167, 0.3109



8.4884, 0.3782, 0.1857



0.3072, 0.3609, 0.1762

Previews

White Background



This preview shows how the Yxy color 25.0137, 0.2083, 0.2670 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 25.0137, 0.2083, 0.2670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

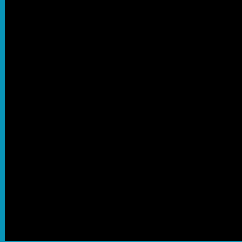
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.0137, 0.2083, 0.2670

Background



This preview shows how black text looks on a background with the Yxy color 25.0137, 0.2083, 0.2670.

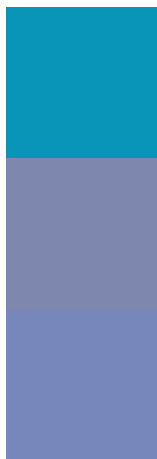


This preview shows how white text looks on a background with the Yxy color 25.0137, 0.2083, 0.2670.

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

25.0137, 0.2083, 0.2670

Protanopia

24.7807, 0.2679, 0.2676

Deuteranopia

24.9089, 0.2518, 0.2472

Trichromacy



Original Color

25.0137, 0.2083, 0.2670

Protanomaly

23.8153, 0.2333, 0.2650

Deuteranomaly

24.0068, 0.2256, 0.2514

Monochromacy



Original Color

25.0137, 0.2083, 0.2670

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

17.9581, 0.2481, 0.3021

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0137, 0.2083, 0.2670 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(9, 149, 184)` looks like.

```
.text, #text, p{  
    color:rgb(9, 149, 184)  
}
```

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(9, 149, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 149, 184) }
```

Border

The CSS property to change the border of an element to Yxy 25.0137, 0.2083, 0.2670 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(9, 149, 184) }
```

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

```
.border{ border-color:rgb(9, 149, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 149, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 149, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 149, 184);  
box-shadow:4px 4px 4px 4px rgb(9, 149,  
184) }
```

Background

The CSS property to change the background color of an element to Yxy 25.0137, 0.2083, 0.2670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 149, 184) }
```

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

```
.background{ background-color: rgb(9, 149,  
184) }
```

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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