

Converting Colors

$Yxy(24.1466, 0.2051, 0.2168)$

Have a look what the booklet for
Yxy(24.1466, 0.2051, 0.2168)
contains.

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Color

Yxy(24.1425, 0.2051, 0.2167)

Conversions

Conversions Part 1

Format	Color
Hex	3E8BD2
RGB	62, 139, 210
RGB Percent	24%, 55%, 82%
CMY	0.7568, 0.4549, 0.1765
CMYK	0.70, 0.34, 0.00, 0.18
HSL	209°, 62%, 53%
HSV	209°, 70%, 82%
XYZ	22.8501, 24.1425, 64.4171
YIQ	124.0710, -68.6830, 5.7570

Conversions

Conversions Part 2

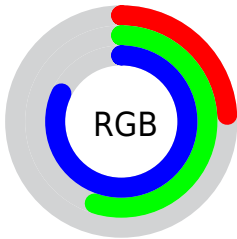
Format	Color
R _Y B	62, 113, 210
Decimal	4099026
CIE Lab	56.23, -0.44, -43.36
CIE LCh	56, 43.365, 269.422
Yxy	24.1425, 0.2051, 0.2167
Android (android.graphics.Color)	4282289106 (0xFF3E8BD2)
YUV	124.0710, 42.3630, -54.4363
Hunter-Lab	49.1350, -2.9752, -43.3360

Details

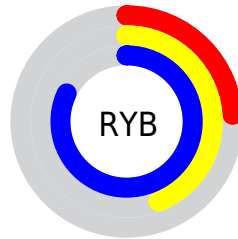
The Yxy color **24.1425, 0.2051, 0.2167** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **30.8176, 0.4760, 0.4095**, and the grayscale version is **20.0551, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.3549, 0.2315, 0.2510**, and **9.5113, 0.1848, 0.1852** is the 20% darker color. If you saturate the color by 10%, you get **20.8068, 0.1940, 0.1980**, and if you desaturate by 10%, it is **28.0107, 0.2182, 0.2354**.

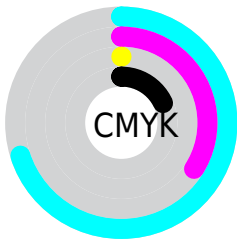
Distribution



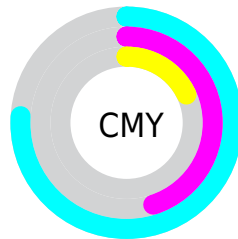
- Red (24%)
- Green (55%)
- Blue (82%)



- Red (24%)
- Yellow (44%)
- Blue (82%)



- Cyan (70%)
- Magenta (34%)
- Yellow (0%)
- Black (18%)



- Cyan (76%)
- Magenta (45%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.1425, 0.2051, 0.2167 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 24.1425, 0.2051, 0.2167 by changing the saturation by 10% instead.

■ 24.1425, 0.2051,
0.2167

■ 24.1425, 0.2051,
0.2167

■ 273.5401, 0.2616,
0.2757

■ 15.4394, 0.1907,
0.2016

■ 50.2626, 0.2260,
0.2386

■ 9.1283, 0.1723,
0.1823

■ 68.4484, 0.2338,
0.2467

■ 4.8250, 0.1482,
0.1571

■ 90.5639, 0.2403,
0.2535

■ 2.1449, 0.1164,
0.1237

■ 116.9934, 0.2458,
0.2593

■ 0.6897, 0.0737,
0.0788

■ 148.1214, 0.2506,
0.2643

■ 0.0000, 0.0000,
0.0000

184.3323, 0.2547,

0.2686

226.0104, 0.2584,
0.2724

■ 24.1425, 0.2051,
0.2167

■ 24.1425, 0.2051,
0.2167

■ 20.8068, 0.1940,
0.1980

■ 28.0107, 0.2182,
0.2354

■ 17.9617, 0.1852,
0.1798

■ 32.4430, 0.2328,
0.2537

■ 15.6460, 0.1787,
0.1632

■ 37.4705, 0.2484,
0.2712

■ 43.1209, 0.2645,
0.2875

■ 49.4198, 0.2806,
0.3025

■ 56.3912, 0.2966,
0.3162

■ 64.0576, 0.3120,
0.3285

■ 72.4405, 0.3267,
0.3394

■ 81.5602, 0.3407,
0.3490

Harmonies

Analogous

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



24.1425, 0.1836, 0.2408



24.1425, 0.2051, 0.2167



24.1425, 0.2537, 0.2188

Triad

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



24.1425, 0.2051, 0.2167



24.1425, 0.4527, 0.3378



24.1425, 0.2874, 0.4435

Complementary

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



24.1425, 0.2051, 0.2167



30.8176, 0.4760, 0.4095

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.



24.1425, 0.3596, 0.4680



24.1425, 0.2051, 0.2167



24.1425, 0.4593, 0.3936

Square

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



24.1425, 0.2051, 0.2167



24.1425, 0.4009, 0.2852



24.1425, 0.4231, 0.4433



24.1425, 0.2259, 0.3727

Rectangle

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



24.1425, 0.2051, 0.2167



24.1425, 0.2993, 0.2329



24.1425, 0.4231, 0.4433



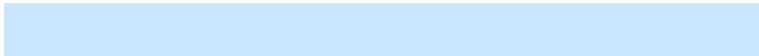
24.1425, 0.3112, 0.4580

Sweetspot

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



24.1433, 0.2051, 0.2167



75.9128, 0.2794, 0.3014



48.7497, 0.2716, 0.4545



15.6468, 0.2749, 0.2974



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.



24.1433, 0.2051, 0.2167



29.7813, 0.1888, 0.1879



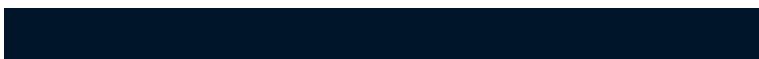
9.6835, 0.1789, 0.1109



12.4208, 0.2983, 0.3176



9.7481, 0.1794, 0.1657



0.7035, 0.1884, 0.1980

Inverse Universe

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



19.0092, 0.4208, 0.2427



24.8978, 0.4569, 0.2394



57.7341, 0.4103, 0.4806



11.9095, 0.3210, 0.3170



9.0553, 0.4859, 0.2450



0.5223, 0.4475, 0.2239

Previews

White Background



This preview shows how the Yxy color 24.1425, 0.2051, 0.2167 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 24.1425, 0.2051, 0.2167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

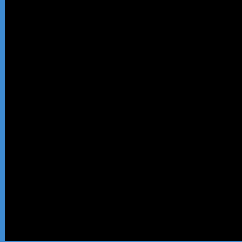
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.1425, 0.2051, 0.2167

Background



This preview shows how black text looks on a background with the Yxy color 24.1425, 0.2051, 0.2167.



This preview shows how white text looks on a background with the Yxy color 24.1425, 0.2051, 0.2167.

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

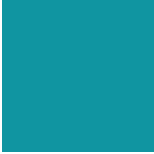
24.1425, 0.2051, 0.2167

Protanopia

24.1134, 0.2314, 0.2192

Deuteranopia

24.0287, 0.2172, 0.2114



Tritanopia

24.1783, 0.2201, 0.3059

Trichromacy



Original Color

24.1425, 0.2051, 0.2167

Protanomaly

24.0595, 0.2201, 0.2186

Deuteranomaly

24.0608, 0.2119, 0.2129

Tritanomaly

23.8288, 0.2123, 0.2678

Monochromacy



Original Color

24.1425, 0.2051, 0.2167

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

20.8338, 0.2586, 0.2816

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1425, 0.2051, 0.2167 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(62, 139, 210)` looks like.

```
.text, #text, p{  
    color:rgb(62, 139, 210)  
}
```

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(62, 139, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 139, 210) }
```

Border

The CSS property to change the border of an element to Yxy 24.1425, 0.2051, 0.2167 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(62, 139, 210) }
```

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

```
.border{ border-color:rgb(62, 139, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 139, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 139, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 139, 210);  
box-shadow:4px 4px 4px 4px rgb(62, 139,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1425, 0.2051, 0.2167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 139, 210) }
```

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

```
.background{ background-color: rgb(62, 139,  
210) }
```

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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