

Converting Colors

$Yxy(24.7276, 0.2079, 0.2227)$

Have a look what the booklet for
Yxy(24.7276, 0.2079, 0.2227)
contains.

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Color

Yxy(24.7276, 0.2079, 0.2227)

Conversions

Conversions Part 1

Format	Color
Hex	418DD0
RGB	65, 141, 208
RGB Percent	25%, 55%, 82%
CMY	0.7454, 0.4470, 0.1844
CMYK	0.69, 0.32, 0.00, 0.18
HSL	208°, 60%, 54%
HSV	208°, 69%, 82%
XYZ	23.0843, 24.7276, 63.2236
YIQ	125.9140, -66.8030, 4.7250

Conversions

Conversions Part 2

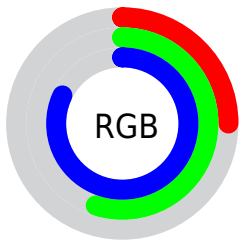
Format	Color
R _Y B	65, 115, 208
Decimal	4296144
CIE Lab	56.81, -1.87, -41.32
CIE LCh	57, 41.364, 267.403
Yxy	24.7276, 0.2079, 0.2227
Android (android.graphics.Color)	4282486224 (0xFF418DD0)
YUV	125.9140, 40.4684, -53.4216
Hunter-Lab	49.7269, -4.1585, -40.5736

Details

The Yxy color **24.7276, 0.2079, 0.2227** 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 **30.2618, 0.4729, 0.4066**, and the grayscale version is **20.7037, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.3928, 0.2329, 0.2538**, and **9.7821, 0.1868, 0.1926** is the 20% darker color. If you saturate the color by 10%, you get **21.3990, 0.1966, 0.2044**, and if you desaturate by 10%, it is **28.5714, 0.2211, 0.2409**.

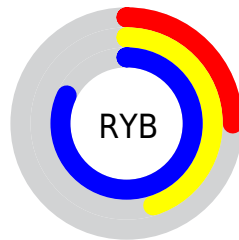
Distribution



Red (25%)

Green (55%)

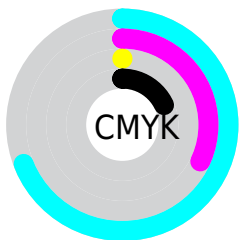
Blue (82%)



Red (25%)

Yellow (45%)

Blue (82%)

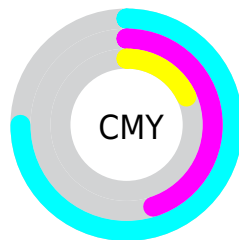


Cyan (69%)

Magenta (32%)

Yellow (0%)

Black (18%)



Cyan (75%)

Magenta (45%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.7276, 0.2079, 0.2227 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 24.7276, 0.2079, 0.2227 by changing the saturation by 10% instead.

■ 24.7276, 0.2079,
0.2227

■ 24.7276, 0.2079,
0.2227

276.4786, 0.2629,
0.2788

■ 15.8742, 0.1938,
0.2082

■ 51.2150, 0.2282,
0.2435

■ 9.4352, 0.1758,
0.1896

■ 69.6177, 0.2358,
0.2513

■ 5.0261, 0.1523,
0.1652

■ 91.9724, 0.2421,
0.2577

■ 2.2626, 0.1209,
0.1324

■ 118.6635, 0.2475,
0.2632

■ 0.7538, 0.0783,
0.0880

■ 150.0752, 0.2522,
0.2679

■ 0.0000, 0.0000,
0.0000

186.5921, 0.2562,

0.2720

228.5984, 0.2597,
0.2756

■ 24.7276, 0.2079,
0.2227

■ 24.7276, 0.2079,
0.2227

■ 21.3990, 0.1966,
0.2044

■ 28.5714, 0.2211,
0.2409

■ 18.5463, 0.1875,
0.1865

■ 32.9600, 0.2357,
0.2586

■ 16.1153, 0.1806,
0.1693

■ 37.9227, 0.2513,
0.2754

■ 15.8412, 0.1798,
0.1673

■ 43.4859, 0.2673,
0.2911

■ 49.6738, 0.2834,
0.3055

■ 56.5091, 0.2992,
0.3186

■ 64.0133, 0.3145,
0.3304

■ 72.2067, 0.3292,
0.3408

■ 81.1087, 0.3430,
0.3500

Harmonies

Analogous

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



24.7276, 0.1890, 0.2480



24.7276, 0.2079, 0.2227



24.7276, 0.2529, 0.2230

Triad

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



24.7276, 0.2079, 0.2227



24.7276, 0.4431, 0.3345



24.7276, 0.2937, 0.4398

Complementary

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



24.7276, 0.2079, 0.2227



30.2618, 0.4729, 0.4066

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.



24.7276, 0.3625, 0.4601



24.7276, 0.2079, 0.2227



24.7276, 0.4529, 0.3879

Square

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



24.7276, 0.2079, 0.2227



24.7276, 0.3918, 0.2844



24.7276, 0.4214, 0.4355



24.7276, 0.2337, 0.3755

Rectangle

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



24.7276, 0.2079, 0.2227



24.7276, 0.2955, 0.2355



24.7276, 0.4214, 0.4355



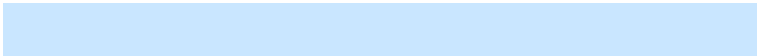
24.7276, 0.3166, 0.4524

Sweetspot

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



24.7284, 0.2079, 0.2227



76.2560, 0.2795, 0.3021



47.8849, 0.2719, 0.4509



15.7284, 0.2750, 0.2981



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.



24.7284, 0.2079, 0.2227



31.4926, 0.1916, 0.1950



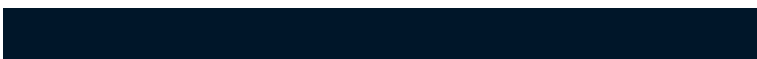
10.0153, 0.1818, 0.1158



12.4439, 0.2983, 0.3178



10.0694, 0.1805, 0.1697



0.7212, 0.1893, 0.2013

Inverse Universe

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



19.1027, 0.4141, 0.2419



25.4110, 0.4483, 0.2368



56.6052, 0.4087, 0.4783



11.9118, 0.3208, 0.3167



9.0878, 0.4811, 0.2424



0.5241, 0.4438, 0.2218

Previews

White Background



This preview shows how the Yxy color 24.7276, 0.2079, 0.2227 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 24.7276, 0.2079, 0.2227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

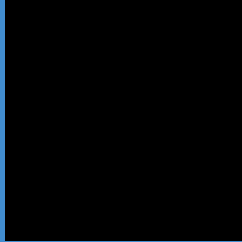
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.7276, 0.2079, 0.2227

Background



This preview shows how black text looks on a background with the Yxy color 24.7276, 0.2079, 0.2227.



This preview shows how white text looks on a background with the Yxy color 24.7276, 0.2079, 0.2227.

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

24.7276, 0.2079, 0.2227

Protanopia

24.4368, 0.2357, 0.2249

Deuteranopia

24.5281, 0.2222, 0.2162



Tritanopia

24.7126, 0.2229, 0.3062

Trichromacy



Original Color

24.7276, 0.2079, 0.2227

Protanomaly

24.4008, 0.2233, 0.2231

Deuteranomaly

24.4732, 0.2159, 0.2175

Tritanomaly

24.6357, 0.2160, 0.2720

Monochromacy



Original Color

24.7276, 0.2079, 0.2227

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

21.5760, 0.2610, 0.2840

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.7276, 0.2079, 0.2227 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(65, 141, 208)` looks like.

```
.text, #text, p{  
    color:rgb(65, 141, 208)  
}
```

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(65, 141, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 141, 208) }
```

Border

The CSS property to change the border of an element to Yxy 24.7276, 0.2079, 0.2227 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(65, 141, 208) }
```

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

```
.border{ border-color:rgb(65, 141, 208) }
```

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

Here you see how a box with a 4 pixel rgb(65, 141, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 141, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 141, 208);  
box-shadow:4px 4px 4px 4px rgb(65, 141,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 24.7276, 0.2079, 0.2227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 141, 208) }
```

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

```
.background{ background-color: rgb(65, 141,  
208) }
```

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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