

Converting Colors

$Yxy(24.9227, 0.2467, 0.2492)$

Have a look what the booklet for
Yxy(24.9227, 0.2467, 0.2492)
contains.

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Color

Yxy(24.9899, 0.2466, 0.2493)

Conversions

Conversions Part 1

Format	Color
Hex	7189BB
RGB	113, 137, 187
RGB Percent	44%, 54%, 73%
CMY	0.5571, 0.4627, 0.2667
CMYK	0.40, 0.27, 0.00, 0.27
HSL	220°, 35%, 59%
HSV	220°, 40%, 73%
XYZ	24.7193, 24.9899, 50.5311
YIQ	135.5240, -30.3540, 10.4620

Conversions

Conversions Part 2

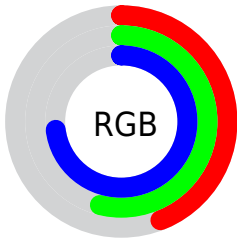
Format	Color
R_{YB}	113, 131, 187
Decimal	7440827
CIE _{Lab}	57.07, 4.22, -28.87
CIE _{LCh}	57, 29.176, 278.312
Yxy	24.9899, 0.2466, 0.2493
Android (android.graphics.Color)	4285630907 (0xFF7189BB)
YUV	135.5240, 25.3777, -19.7535
Hunter-Lab	49.9899, 0.7832, -24.9390

Details

The Yxy color $24.9899, 0.2466, 0.2493$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $37.9220, 0.3829, 0.3972$, and the grayscale version is $24.3425, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.5135, 0.2603, 0.2654$, and $9.5297, 0.2238, 0.2214$ is the 20% darker color. If you saturate the color by 10%, you get $20.4952, 0.2287, 0.2247$, and if you desaturate by 10%, it is $30.1618, 0.2644, 0.2724$.

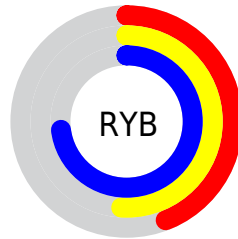
Distribution



Red (44%)

Green (54%)

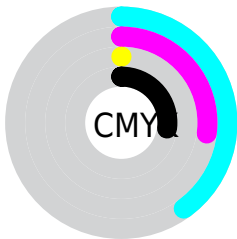
Blue (73%)



Red (44%)

Yellow (51%)

Blue (73%)

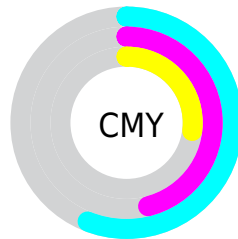


Cyan (40%)

Magenta (27%)

Yellow (0%)

Black (27%)



Cyan (56%)

Magenta (46%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.9899, 0.2466, 0.2493 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 24.9899, 0.2466, 0.2493 by changing the saturation by 10% instead.

■ 24.9899, 0.2466,
0.2493

■ 24.9899, 0.2466,
0.2493

■ 277.7876, 0.2823,
0.2918

■ 16.0695, 0.2369,
0.2380

■ 51.6408, 0.2602,
0.2653

■ 9.5734, 0.2240,
0.2231

■ 70.1402, 0.2651,
0.2711

■ 5.1170, 0.2061,
0.2027

■ 92.6013, 0.2692,
0.2760

■ 2.3161, 0.1801,
0.1736

■ 119.4087, 0.2727,
0.2801

■ 0.7822, 0.1404,
0.1297

■ 150.9466, 0.2756,
0.2837

■ 0.0000, 0.0000,
0.0000

187.5994, 0.2781,

0.2867

229.7517, 0.2804,
0.2894

■ 24.9899, 0.2466,
0.2493

■ 24.9899, 0.2466,
0.2493

■ 20.4952, 0.2287,
0.2247

■ 30.1618, 0.2644,
0.2724

■ 16.6445, 0.2115,
0.1991

■ 36.0361, 0.2817,
0.2936

■ 13.4061, 0.1956,
0.1734

■ 42.6402, 0.2980,
0.3126

■ 10.7438, 0.1819,
0.1486

■ 49.9993, 0.3133,
0.3296

■ 8.6167, 0.1710,
0.1260

■ 58.1370, 0.3274,
0.3446

■ 6.9614, 0.1630,
0.1064

■ 67.0761, 0.3403,
0.3578

■ 6.9026, 0.1627,
0.1057

■ 76.8383, 0.3520,
0.3693

■ 85.9862, 0.3572,
0.3803

■ 93.5939, 0.3542,
0.3919

Harmonies

Analogous

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



24.9899, 0.2247, 0.2625



24.9899, 0.2466, 0.2493



24.9899, 0.2866, 0.2551

Triad

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



24.9899, 0.2466, 0.2493



24.9899, 0.4106, 0.3500



24.9899, 0.2836, 0.3909

Complementary

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



24.9899, 0.2466, 0.2493



37.9220, 0.3829, 0.3972

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.



24.9899, 0.3327, 0.4180



24.9899, 0.2466, 0.2493



24.9899, 0.4079, 0.3879

Square

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



24.9899, 0.2466, 0.2493



24.9899, 0.3841, 0.3106



24.9899, 0.3785, 0.4147



24.9899, 0.2444, 0.3431

Rectangle

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



24.9899, 0.2466, 0.2493



24.9899, 0.3200, 0.2681



24.9899, 0.3785, 0.4147



24.9899, 0.2995, 0.4031

Sweetspot

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



24.9908, 0.2466, 0.2493



73.1768, 0.2939, 0.3079



41.6653, 0.2742, 0.3670



15.7672, 0.2918, 0.3054



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



24.9908, 0.2466, 0.2493



37.3281, 0.2302, 0.2267



19.7671, 0.2520, 0.2132



9.7183, 0.2984, 0.3131



4.8744, 0.1633, 0.1078



0.3128, 0.1774, 0.1585

Inverse Universe

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



24.1687, 0.3779, 0.2955



36.5076, 0.4012, 0.2881



45.8034, 0.3598, 0.4298



9.5861, 0.3239, 0.3216



7.5218, 0.5642, 0.2882



0.3069, 0.4950, 0.2501

Previews

White Background



This preview shows how the Yxy color 24.9899, 0.2466, 0.2493 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 24.9899, 0.2466, 0.2493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

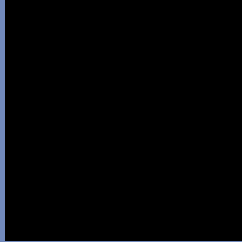
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

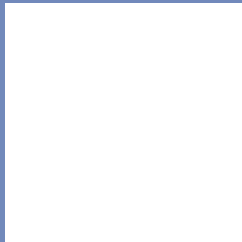
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.9899, 0.2466, 0.2493

Background



This preview shows how black text looks on a background with the Yxy color 24.9899, 0.2466, 0.2493.

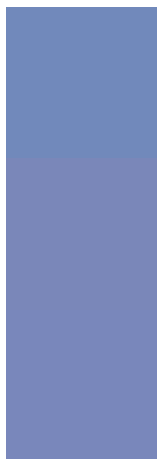


This preview shows how white text looks on a background with the Yxy color 24.9899, 0.2466, 0.2493.

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

24.9899, 0.2466, 0.2493

Protanopia

24.9683, 0.2550, 0.2502

Deuteranopia

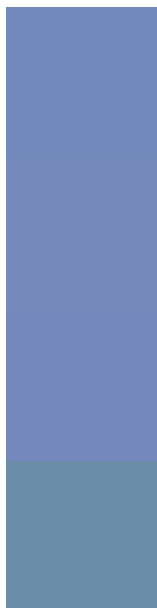
24.9807, 0.2527, 0.2474



Tritanopia

25.0147, 0.2653, 0.3078

Trichromacy



Original Color

24.9899, 0.2466, 0.2493

Protanomaly

25.0754, 0.2520, 0.2500

Deuteranomaly

25.0477, 0.2504, 0.2485

Tritanomaly

25.0279, 0.2580, 0.2847

Monochromacy



Original Color

24.9899, 0.2466, 0.2493

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.5641, 0.2857, 0.2971

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9899, 0.2466, 0.2493 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(113, 137, 187)` looks like.

```
.text, #text, p{  
    color:rgb(113, 137, 187)  
}
```

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(113, 137, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 137, 187) }
```

Border

The CSS property to change the border of an element to Yxy 24.9899, 0.2466, 0.2493 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(113, 137, 187) }
```

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

```
.border{ border-color:rgb(113, 137, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 137, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 137, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 137, 187);  
box-shadow:4px 4px 4px 4px rgb(113, 137,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9899, 0.2466, 0.2493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 137, 187) }
```

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

```
.background{ background-color: rgb(113,  
137, 187) }
```

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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