

Converting Colors

$Yxy(24.7286, 0.2235, 0.2548)$

Have a look what the booklet for
Yxy(24.7286, 0.2235, 0.2548)
contains.

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Color

Yxy(24.7286, 0.2235, 0.2548)

Conversions

Conversions Part 1

Format	Color
Hex	4B8FBB
RGB	75, 143, 187
RGB Percent	29%, 56%, 73%
CMY	0.7059, 0.4392, 0.2667
CMYK	0.60, 0.24, 0.00, 0.27
HSL	204°, 45%, 51%
HSV	204°, 60%, 73%
XYZ	21.6909, 24.7286, 50.6315
YIQ	127.6840, -54.6520, -0.7320

Conversions

Conversions Part 2

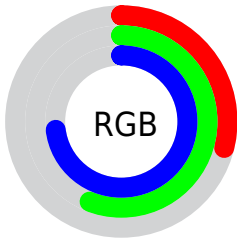
Format	Color
R_{YB}	75, 117, 187
Decimal	4951995
CIE _{Lab}	56.81, -8.29, -29.41
CIE _{LCh}	57, 30.557, 254.267
Yxy	24.7286, 0.2235, 0.2548
Android (android.graphics.Color)	4283142075 (0xFF4B8FBB)
YUV	127.6840, 29.2428, -46.2039
Hunter-Lab	49.7279, -9.1635, -25.5579

Details

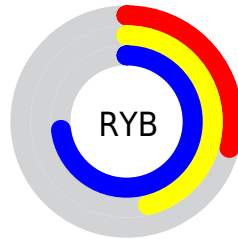
The Yxy color **24.7286, 0.2235, 0.2548** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **24.2543, 0.4540, 0.3884**, and the grayscale version is **21.3819, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.3901, 0.2418, 0.2712**, and **9.5499, 0.1969, 0.2288** is the 20% darker color. If you saturate the color by 10%, you get **21.9504, 0.2116, 0.2398**, and if you desaturate by 10%, it is **27.8743, 0.2369, 0.2694**.

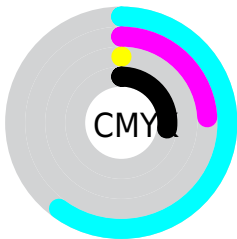
Distribution



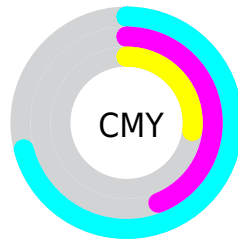
- Red (29%)
- Green (56%)
- Blue (73%)



- Red (29%)
- Yellow (46%)
- Blue (73%)



- Cyan (60%)
- Magenta (24%)
- Yellow (0%)
- Black (27%)



- Cyan (71%)
- Magenta (44%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.7286, 0.2235, 0.2548 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 24.7286, 0.2235, 0.2548 by changing the saturation by 10% instead.

■ 24.7286, 0.2235,
0.2548

■ 24.7286, 0.2235,
0.2548

■ 276.4836, 0.2709,
0.2954

■ 15.8750, 0.2109,
0.2436

■ 51.2166, 0.2413,
0.2703

■ 9.4357, 0.1945,
0.2287

■ 69.6197, 0.2478,
0.2759

■ 5.0265, 0.1723,
0.2081

■ 91.9749, 0.2533,
0.2806

■ 2.2628, 0.1412,
0.1781

■ 118.6663, 0.2579,
0.2845

■ 0.7539, 0.0904,
0.1325

■ 150.0785, 0.2619,
0.2878

■ 0.0000, 0.0000,
0.0000

186.5959, 0.2653,

0.2907

228.6028, 0.2683,
0.2932

■ 24.7286, 0.2235,
0.2548

■ 24.7286, 0.2235,
0.2548

■ 21.9504, 0.2116,
0.2398

■ 27.8743, 0.2369,
0.2694

■ 19.5144, 0.2016,
0.2246

■ 31.4052, 0.2514,
0.2833

■ 17.3949, 0.1937,
0.2096

■ 35.3407, 0.2666,
0.2963

■ 15.5420, 0.1875,
0.1950

■ 39.6976, 0.2821,
0.3083

■ 15.5234, 0.1875,
0.1948

■ 44.4920, 0.2976,
0.3192

■ 49.7387, 0.3129,
0.3291

■ 55.4519, 0.3277,
0.3379

■ 61.6449, 0.3419,
0.3458

■ 68.3306, 0.3553,
0.3527

Harmonies

Analogous

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



24.7286, 0.2181, 0.2850



24.7286, 0.2235, 0.2548



24.7286, 0.2504, 0.2453

Triad

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



24.7286, 0.2235, 0.2548



24.7286, 0.3955, 0.3174



24.7286, 0.3230, 0.4197

Complementary

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



24.7286, 0.2235, 0.2548



24.2543, 0.4540, 0.3884

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.



24.7286, 0.3730, 0.4220



24.7286, 0.2235, 0.2548



24.7286, 0.4176, 0.3589

Square

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



24.7286, 0.2235, 0.2548



24.7286, 0.3491, 0.2807



24.7286, 0.4084, 0.3974



24.7286, 0.2727, 0.3854

Rectangle

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



24.7286, 0.2235, 0.2548



24.7286, 0.2787, 0.2498



24.7286, 0.4084, 0.3974



24.7286, 0.3404, 0.4242

Sweetspot

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



24.7295, 0.2235, 0.2548



72.4396, 0.2846, 0.3101



38.3334, 0.2798, 0.4483



15.4235, 0.2800, 0.3067



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.



24.7295, 0.2235, 0.2548



37.8303, 0.2081, 0.2348



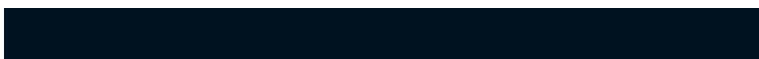
12.0707, 0.2023, 0.1589



10.1635, 0.2984, 0.3198



10.8421, 0.1880, 0.1966



0.5487, 0.1977, 0.2318

Inverse Universe

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



17.5762, 0.3807, 0.2393



26.0821, 0.4034, 0.2269



41.3088, 0.4058, 0.4546



9.6311, 0.3196, 0.3152



8.1242, 0.4491, 0.2248



0.3307, 0.4107, 0.2036

Previews

White Background



This preview shows how the Yxy color 24.7286, 0.2235, 0.2548 looks on a white background.

Color Contrast Check

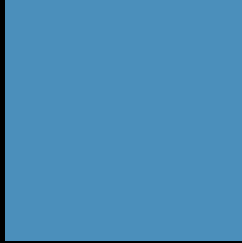
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7286, 0.2235, 0.2548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

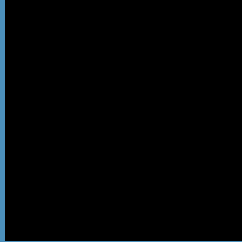
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

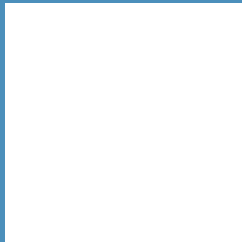
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.7286, 0.2235, 0.2548

Background



This preview shows how black text looks on a background with the Yxy color 24.7286, 0.2235, 0.2548.

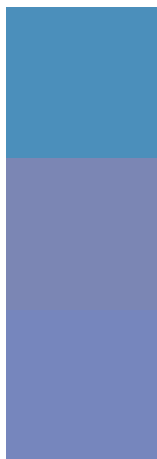


This preview shows how white text looks on a background with the Yxy color 24.7286, 0.2235, 0.2548.

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

24.7286, 0.2235, 0.2548

Protanopia

24.5564, 0.2595, 0.2555

Deuteranopia

24.5759, 0.2485, 0.2426



Tritanopia

24.7746, 0.2350, 0.3066

Trichromacy



Original Color

24.7286, 0.2235, 0.2548

Protanomaly

24.3744, 0.2439, 0.2537

Deuteranomaly

24.3469, 0.2377, 0.2462

Tritanomaly

24.6533, 0.2301, 0.2859

Monochromacy



Original Color

24.7286, 0.2235, 0.2548

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

22.1962, 0.2720, 0.3001

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.7286, 0.2235, 0.2548 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(75, 143, 187)` looks like.

```
.text, #text, p{  
    color:rgb(75, 143, 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(75, 143, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 143, 187) }
```

Border

The CSS property to change the border of an element to Yxy 24.7286, 0.2235, 0.2548 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(75, 143, 187) }
```

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

```
.border{ border-color:rgb(75, 143, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 143, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 143, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 143, 187);  
box-shadow:4px 4px 4px 4px rgb(75, 143,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 24.7286, 0.2235, 0.2548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 143, 187) }
```

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

```
.background{ background-color: rgb(75, 143,  
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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