

Converting Colors

$Y_{xy}(24.0785, 0.2695, 0.2778)$

Have a look what the booklet for
Yxy(24.0785, 0.2695, 0.2778)
contains.

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Color

Yxy(24.1095, 0.2699, 0.2788)

Conversions

Conversions Part 1

Format	Color
Hex	7987A5
RGB	121, 135, 165
RGB Percent	47%, 53%, 65%
CMY	0.5255, 0.4706, 0.3529
CMYK	0.27, 0.18, 0.00, 0.35
HSL	221°, 20%, 56%
HSV	221°, 27%, 65%
XYZ	23.3399, 24.1095, 39.0266
YIQ	134.2340, -17.9740, 6.3620

Conversions

Conversions Part 2

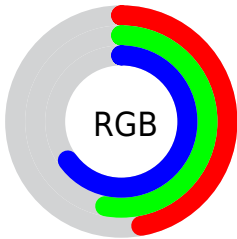
Format	Color
R_{YB}	121, 132, 165
Decimal	7964581
CIE _{Lab}	56.20, 1.91, -17.59
CIE _{LCh}	56, 17.694, 276.197
Yxy	24.1095, 0.2699, 0.2788
Android (android.graphics.Color)	4286154661 (0xFF7987A5)
YUV	134.2340, 15.1676, -11.6062
Hunter-Lab	49.1014, -1.0793, -12.7536

Details

The Yxy color $24.1095, 0.2699, 0.2788$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $31.5120, 0.3570, 0.3746$, and the grayscale version is $23.8786, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.1324, 0.2790, 0.2892$, and $9.0288, 0.2540, 0.2598$ is the 20% darker color. If you saturate the color by 10%, you get $20.0441, 0.2523, 0.2563$, and if you desaturate by 10%, it is $28.7123, 0.2868, 0.2994$.

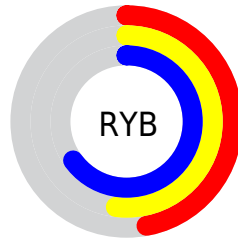
Distribution



Red (47%)

Green (53%)

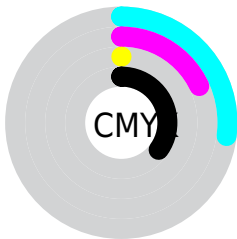
Blue (65%)



Red (47%)

Yellow (52%)

Blue (65%)

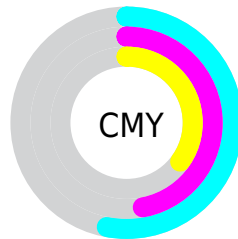


Cyan (27%)

Magenta (18%)

Yellow (0%)

Black (35%)



Cyan (53%)

Magenta (47%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.1095, 0.2699, 0.2788 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 24.1095, 0.2699, 0.2788 by changing the saturation by 10% instead.

■ 24.1095, 0.2699,
0.2788

■ 24.1095, 0.2699,
0.2788

273.3736, 0.2934,
0.3062

■ 15.4149, 0.2632,
0.2711

■ 50.2088, 0.2790,
0.2894

■ 9.1111, 0.2542,
0.2608

■ 68.3823, 0.2823,
0.2931

■ 4.8137, 0.2412,
0.2460

■ 90.4842, 0.2849,
0.2963

■ 2.1384, 0.2212,
0.2234

116.8989, 0.2872,
0.2989

■ 0.6861, 0.1860,
0.1826

148.0108, 0.2891,
0.3011

■ 0.0000, 0.0000,
0.0000

184.2043, 0.2907,

0.3030

225.8638, 0.2922,
0.3047

■ 24.1095, 0.2699,
0.2788

■ 24.1095, 0.2699,
0.2788

■ 20.0441, 0.2523,
0.2563

■ 28.7123, 0.2868,
0.2994

■ 16.4926, 0.2345,
0.2321

■ 33.8691, 0.3027,
0.3178

■ 13.4339, 0.2170,
0.2067

■ 39.5993, 0.3175,
0.3342

■ 10.8441, 0.2006,
0.1809

■ 45.9203, 0.3311,
0.3487

■ 8.6973, 0.1861,
0.1558

■ 52.8490, 0.3435,
0.3614

■ 6.9644, 0.1742,
0.1324

■ 60.4014, 0.3548,
0.3725

■ 5.6078, 0.1653,
0.1118

■ 68.5930, 0.3650,
0.3821

■ 5.2220, 0.1627,
0.1056

■ 77.4387, 0.3743,
0.3905

■ 84.0987, 0.3720,
0.4006

Harmonies

Analogous

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



24.1095, 0.2564, 0.2892



24.1095, 0.2699, 0.2788



24.1095, 0.2950, 0.2811

Triad

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



24.1095, 0.2699, 0.2788



24.1095, 0.3718, 0.3420



24.1095, 0.2975, 0.3674

Complementary

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



24.1095, 0.2699, 0.2788



31.5120, 0.3570, 0.3746

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.



24.1095, 0.3283, 0.3826



24.1095, 0.2699, 0.2788



24.1095, 0.3721, 0.3657

Square

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



24.1095, 0.2699, 0.2788



24.1095, 0.3547, 0.3164



24.1095, 0.3558, 0.3813



24.1095, 0.2717, 0.3404

Rectangle

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



24.1095, 0.2699, 0.2788



24.1095, 0.3155, 0.2890



24.1095, 0.3558, 0.3813



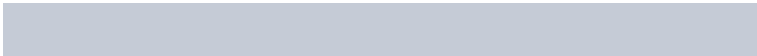
24.1095, 0.3076, 0.3742

Sweetspot

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



24.1105, 0.2699, 0.2788



59.2300, 0.3004, 0.3152



33.1918, 0.2857, 0.3529



12.6477, 0.2982, 0.3127



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



24.1105, 0.2699, 0.2788



38.7593, 0.2596, 0.2657



21.0027, 0.2752, 0.2560



7.2110, 0.2987, 0.3133



4.0314, 0.1632, 0.1074



0.1666, 0.1834, 0.1800

Inverse Universe

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



23.4215, 0.3508, 0.3074



37.5860, 0.3623, 0.3024



35.5313, 0.3446, 0.3957



7.1214, 0.3237, 0.3219



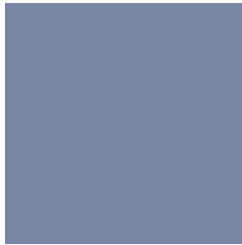
6.2511, 0.5649, 0.2885



0.1396, 0.4685, 0.2355

Previews

White Background



This preview shows how the Yxy color 24.1095, 0.2699, 0.2788 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 24.1095, 0.2699, 0.2788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

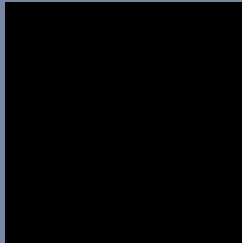
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

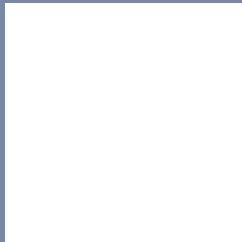
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.1095, 0.2699, 0.2788

Background



This preview shows how black text looks on a background with the Yxy color 24.1095, 0.2699, 0.2788.



This preview shows how white text looks on a background with the Yxy color 24.1095, 0.2699, 0.2788.

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

24.1095, 0.2699, 0.2788

Protanopia

24.0446, 0.2772, 0.2779

Deuteranopia

24.1612, 0.2793, 0.2738



Tritanopia

24.1984, 0.2814, 0.3097

Trichromacy



Original Color

24.1095, 0.2699, 0.2788

Protanomaly

24.0905, 0.2744, 0.2792

Deuteranomaly

24.1174, 0.2755, 0.2749

Tritanomaly

24.1798, 0.2769, 0.2980

Monochromacy



Original Color

24.1095, 0.2699, 0.2788

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.7617, 0.2961, 0.3101

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1095, 0.2699, 0.2788 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(121, 135, 165)` looks like.

```
.text, #text, p{  
    color:rgb(121, 135, 165)  
}
```

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(121, 135, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 135, 165) }
```

Border

The CSS property to change the border of an element to Yxy 24.1095, 0.2699, 0.2788 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(121, 135, 165) }
```

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

```
.border{ border-color:rgb(121, 135, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 135, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 135, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 135, 165);  
box-shadow:4px 4px 4px 4px rgb(121, 135,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1095, 0.2699, 0.2788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 135, 165) }
```

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

```
.background{ background-color: rgb(121,  
135, 165) }
```

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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