

Converting Colors

$Yxy(24.4144, 0.2686, 0.3464)$

Have a look what the booklet for
Yxy(24.4144, 0.2686, 0.3464)
contains.

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Color

$Y_{xy}(24.5090, 0.2687, 0.3478)$

Conversions

Conversions Part 1

Format	Color
Hex	5A9288
RGB	90, 146, 136
RGB Percent	35%, 57%, 53%
CMY	0.6473, 0.4274, 0.4667
CMYK	0.38, 0.00, 0.07, 0.43
HSL	169°, 24%, 46%
HSV	169°, 38%, 57%
XYZ	18.9349, 24.5090, 27.0247
YIQ	128.1160, -30.1660, -14.9820

Conversions

Conversions Part 2

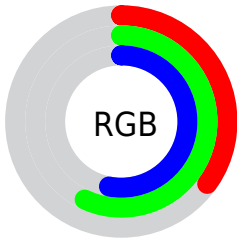
Format	Color
R_{YB}	90, 121, 146
Decimal	5935752
CIE _{Lab}	56.59, -20.89, -0.53
CIE _{LCh}	57, 20.892, 181.446
Yxy	24.5090, 0.2687, 0.3478
Android (android.graphics.Color)	4284125832 (0xFF5A9288)
YUV	128.1160, 3.8868, -33.4277
Hunter-Lab	49.5066, -18.3650, 2.2893

Details

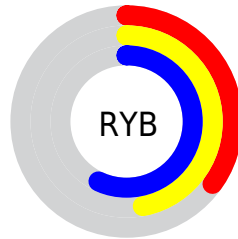
The Yxy color **24.5090, 0.2687, 0.3478** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.3341, 0.3870, 0.3115**, and the grayscale version is **21.6190, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.8223, 0.2786, 0.3439**, and **9.2876, 0.2528, 0.3552** is the 20% darker color. If you saturate the color by 10%, you get **23.7756, 0.2598, 0.3536**, and if you desaturate by 10%, it is **25.3900, 0.2789, 0.3424**.

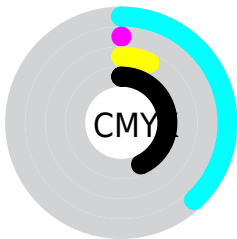
Distribution



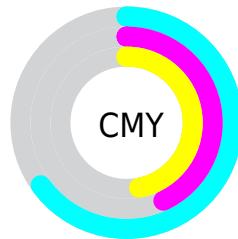
- Red (35%)
- Green (57%)
- Blue (53%)



- Red (35%)
- Yellow (47%)
- Blue (57%)



- Cyan (38%)
- Magenta (0%)
- Yellow (7%)
- Black (43%)




- Cyan (65%)
- Magenta (43%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.5090, 0.2687, 0.3478 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 24.5090, 0.2687, 0.3478 by changing the saturation by 10% instead.


 24.5090, 0.2687,
0.3478


 24.5090, 0.2687,
0.3478


275.3838, 0.2929,
0.3375


 15.7116, 0.2618,
0.3507


 50.8596, 0.2781,
0.3438


 9.3203, 0.2523,
0.3547


 69.1815, 0.2815,
0.3424

 4.9507, 0.2385,
0.3605

 91.4471, 0.2842,
0.3412

 2.2184, 0.2167,
0.3695

 118.0408, 0.2865,
0.3402

 0.7300, 0.1054,
0.4182

149.3469, 0.2885,
0.3394

 0.0000, 0.0000,
0.0000

185.7498, 0.2902,

0.3387

227.6340, 0.2917,
0.3380

■ 24.5090, 0.2687,
0.3478

■ 24.5090, 0.2687,
0.3478

■ 23.7756, 0.2598,
0.3536

■ 25.3900, 0.2789,
0.3424

■ 23.1784, 0.2524,
0.3596

■ 26.4233, 0.2902,
0.3373

■ 22.7089, 0.2468,
0.3657


■ 27.6173, 0.3022,
0.3326


■ 22.3566, 0.2430,
0.3720


■ 28.9787, 0.3147,
0.3283

■ 22.1093, 0.2410,
0.3783


■ 30.5139, 0.3276,
0.3245


 21.9414, 0.2405,
0.3845

 32.2289, 0.3405,
0.3211

 21.9162, 0.2404,
0.3856

 34.1294, 0.3533,
0.3180

 36.2210, 0.3658,
0.3154

 38.5089, 0.3781,
0.3131

Harmonies

Analogous

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



24.5090, 0.3002, 0.3786



24.5090, 0.2687, 0.3478



24.5090, 0.2494, 0.3129

Triad

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



24.5090, 0.2687, 0.3478



24.5090, 0.2865, 0.2720



24.5090, 0.3838, 0.3675

Complementary

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



24.5090, 0.2687, 0.3478



14.3341, 0.3870, 0.3115

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.



24.5090, 0.3803, 0.3389



24.5090, 0.2687, 0.3478



24.5090, 0.3223, 0.2858

Square

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



24.5090, 0.2687, 0.3478



24.5090, 0.2592, 0.2714



24.5090, 0.3573, 0.3097



24.5090, 0.3672, 0.3883

Rectangle

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



24.5090, 0.2687, 0.3478



24.5090, 0.2454, 0.2933



24.5090, 0.3573, 0.3097



24.5090, 0.3850, 0.3584

Sweetspot

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



24.5100, 0.2687, 0.3478



47.8676, 0.2975, 0.3344



24.0209, 0.3176, 0.4383



10.5959, 0.2962, 0.3349



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



24.5100, 0.2687, 0.3478



42.1099, 0.2610, 0.3527



19.7520, 0.2560, 0.2948



6.5446, 0.3012, 0.3330



19.2857, 0.2404, 0.3852



0.2398, 0.2320, 0.3552

Inverse Universe

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



14.3341, 0.3870, 0.3115



21.5570, 0.4125, 0.3078



17.5110, 0.3917, 0.3605



5.8313, 0.3256, 0.3251



5.4462, 0.6080, 0.3123



0.0698, 0.5175, 0.2625

Previews

White Background



This preview shows how the Yxy color 24.5090, 0.2687, 0.3478 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 24.5090, 0.2687, 0.3478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

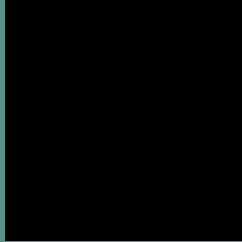
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.5090, 0.2687, 0.3478

Background



This preview shows how black text looks on a background with the Yxy color 24.5090, 0.2687, 0.3478.



This preview shows how white text looks on a background with the Yxy color 24.5090, 0.2687, 0.3478.

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

24.5090, 0.2687, 0.3478

Protanopia

24.4286, 0.3225, 0.3375

Deuteranopia

24.2077, 0.3214, 0.3159



Tritanopia

24.4444, 0.2572, 0.3073

Trichromacy



Original Color

24.5090, 0.2687, 0.3478

Protanomaly

24.1961, 0.3004, 0.3415

Deuteranomaly

23.8789, 0.2998, 0.3255

Tritanomaly

24.4118, 0.2612, 0.3215

Monochromacy



Original Color

24.5090, 0.2687, 0.3478

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

22.5440, 0.2939, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5090, 0.2687, 0.3478 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(90, 146, 136)` looks like.

```
.text, #text, p{  
  color:rgb(90, 146, 136)  
}
```

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(90, 146, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 146, 136) }
```

Border

The CSS property to change the border of an element to Yxy 24.5090, 0.2687, 0.3478 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(90, 146, 136) }
```

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

```
.border{ border-color:rgb(90, 146, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 146, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 146, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 146, 136);  
box-shadow:4px 4px 4px 4px rgb(90, 146,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 24.5090, 0.2687, 0.3478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 146, 136) }
```

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

```
.background{ background-color: rgb(90, 146,  
136) }
```

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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