

Converting Colors

$Y_{xy}(25.5738, 0.2828, 0.3464)$

Have a look what the booklet for
Yxy(25.5738, 0.2828, 0.3464)
contains.

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Color

$Y_{xy}(25.4897, 0.2825, 0.3452)$

Conversions

Conversions Part 1

Format	Color
Hex	6B9289
RGB	107, 146, 137
RGB Percent	42%, 57%, 54%
CMY	0.5803, 0.4275, 0.4627
CMYK	0.27, 0.00, 0.06, 0.43
HSL	166°, 15%, 50%
HSV	166°, 27%, 57%
XYZ	20.8599, 25.4897, 27.4908
YIQ	133.3130, -20.3550, -11.0670

Conversions

Conversions Part 2

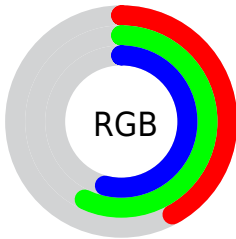
Format	Color
R_{YB}	107, 129, 146
Decimal	7049865
CIE _{Lab}	57.55, -15.43, 0.40
CIE _{LCh}	58, 15.431, 178.507
Y _{xy}	25.4897, 0.2825, 0.3452
Android (android.graphics.Color)	4285239945 (0xFF6B9289)
Y _{UV}	133.3130, 1.8177, -23.0765
Hunter-Lab	50.4873, -14.6018, 3.0572

Details

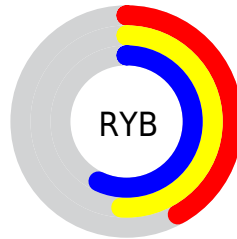
The Yxy color $25.4897, 0.2825, 0.3452$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $17.8918, 0.3551, 0.3135$, and the grayscale version is $23.5764, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.3972, 0.2889, 0.3422$, and $9.7721, 0.2715, 0.3511$ is the 20% darker color. If you saturate the color by 10%, you get $24.5656, 0.2726, 0.3522$, and if you desaturate by 10%, it is $26.5717, 0.2933, 0.3387$.

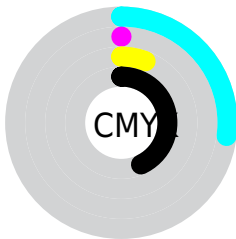
Distribution



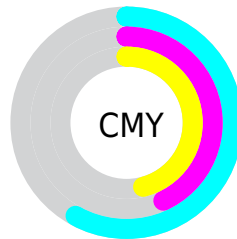
- Red (42%)
- Green (57%)
- Blue (54%)



- Red (42%)
- Yellow (51%)
- Blue (57%)



- Cyan (27%)
- Magenta (0%)
- Yellow (6%)
- Black (43%)



- Cyan (58%)
- Magenta (43%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.4897, 0.2825, 0.3452 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 25.4897, 0.2825, 0.3452 by changing the saturation by 10% instead.

■ 25.4897, 0.2825,
0.3452

■ 25.4897, 0.2825,
0.3452

■ 280.2680, 0.2991,
0.3363

■ 16.4423, 0.2778,
0.3477

■ 52.4506, 0.2889,
0.3417

■ 9.8377, 0.2713,
0.3512

■ 71.1328, 0.2912,
0.3405

■ 5.2915, 0.2619,
0.3563

■ 93.7954, 0.2931,
0.3395

■ 2.4193, 0.2469,
0.3644

■ 120.8228, 0.2947,
0.3386

■ 0.8358, 0.1956,
0.3914

■ 152.5993, 0.2961,
0.3379

■ 0.0000, 0.0000,
0.0000

189.5094, 0.2972,

0.3373

231.9375, 0.2982,
0.3368

■ 25.4897, 0.2825,
0.3452

■ 25.4897, 0.2825,
0.3452

■ 24.5656, 0.2726,
0.3522

■ 26.5717, 0.2933,
0.3387

■ 23.7885, 0.2639,
0.3597

■ 27.8157, 0.3048,
0.3327

■ 23.1512, 0.2567,
0.3676

■ 29.2294, 0.3167,
0.3273

■ 22.6445, 0.2511,
0.3757

■ 30.8191, 0.3288,
0.3224

■ 22.2580, 0.2474,
0.3840

■ 32.5908, 0.3408,
0.3181

■ 21.9798, 0.2455,
0.3923

■ 34.5503, 0.3528,
0.3142

■ 21.7906, 0.2453,
0.4006

■ 36.7030, 0.3644,
0.3108

■ 21.7344, 0.2454,
0.4034

■ 39.0540, 0.3758,
0.3079

■ 41.6086, 0.3866,
0.3054

Harmonies

Analogous

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



25.4897, 0.3065, 0.3662



25.4897, 0.2825, 0.3452



25.4897, 0.2669, 0.3202

Triad

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



25.4897, 0.2825, 0.3452



25.4897, 0.2913, 0.2861



25.4897, 0.3649, 0.3560

Complementary

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



25.4897, 0.2825, 0.3452



17.8918, 0.3551, 0.3135

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.



25.4897, 0.3607, 0.3347



25.4897, 0.2825, 0.3452



25.4897, 0.3173, 0.2955

Square

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



25.4897, 0.2825, 0.3452



25.4897, 0.2718, 0.2871



25.4897, 0.3430, 0.3130



25.4897, 0.3544, 0.3715

Rectangle

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



25.4897, 0.2825, 0.3452



25.4897, 0.2630, 0.3053



25.4897, 0.3430, 0.3130



25.4897, 0.3652, 0.3493

Sweetspot

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



25.4907, 0.2825, 0.3452



48.7315, 0.3031, 0.3335



25.3401, 0.3187, 0.4007



10.7709, 0.3015, 0.3343



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.



25.4907, 0.2825, 0.3452



43.9663, 0.2765, 0.3493



22.6995, 0.2732, 0.3100



6.5396, 0.3019, 0.3342



19.1305, 0.2453, 0.4030



0.2386, 0.2344, 0.3640

Inverse Universe

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



17.8918, 0.3551, 0.3135



28.2616, 0.3681, 0.3099



19.9924, 0.3633, 0.3472



5.8360, 0.3248, 0.3239



5.4807, 0.5934, 0.3043



0.0710, 0.4926, 0.2487

Previews

White Background



This preview shows how the Yxy color 25.4897, 0.2825, 0.3452 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 25.4897, 0.2825, 0.3452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

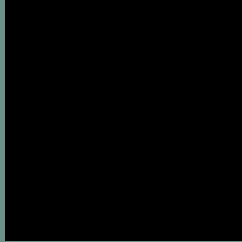
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

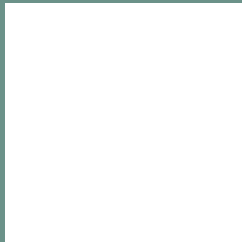
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.4897, 0.2825, 0.3452

Background



This preview shows how black text looks on a background with the Yxy color 25.4897, 0.2825, 0.3452.

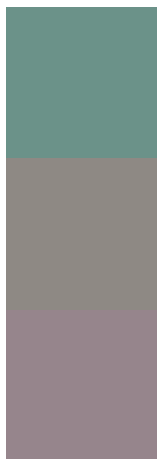


This preview shows how white text looks on a background with the Yxy color 25.4897, 0.2825, 0.3452.

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

25.4897, 0.2825, 0.3452

Protanopia

25.3080, 0.3235, 0.3374

Deuteranopia

25.1525, 0.3246, 0.3177



Tritanopia

25.3910, 0.2705, 0.3081

Trichromacy



Original Color

25.4897, 0.2825, 0.3452

Protanomaly

25.1445, 0.3069, 0.3394

Deuteranomaly

25.1094, 0.3074, 0.3273

Tritanomaly

25.3996, 0.2756, 0.3218

Monochromacy



Original Color

25.4897, 0.2825, 0.3452

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.1833, 0.3016, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4897, 0.2825, 0.3452 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(107, 146, 137)` looks like.

```
.text, #text, p{  
    color:rgb(107, 146, 137)  
}
```

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(107, 146, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 146, 137) }
```

Border

The CSS property to change the border of an element to Yxy 25.4897, 0.2825, 0.3452 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(107, 146, 137) }
```

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

```
.border{ border-color:rgb(107, 146, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 146, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 146, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 146, 137); box-shadow:4px 4px 4px 4px rgb(107, 146, 137) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4897, 0.2825, 0.3452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 146, 137) }
```

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

```
.background{ background-color: rgb(107,  
146, 137) }
```

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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