

Converting Colors

$Y_{xy}(24.6459, 0.2881, 0.3674)$

Have a look what the booklet for
Yxy(24.6459, 0.2881, 0.3674)
contains.

Yxy(24.5562, 0.2882, 0.3666)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(24.5562, 0.2882, 0.3666)

Conversions

Conversions Part 1

Format	Color
Hex	66917D
RGB	102, 145, 125
RGB Percent	40%, 57%, 49%
CMY	0.6001, 0.4313, 0.5098
CMYK	0.30, 0.00, 0.14, 0.43
HSL	152°, 17%, 48%
HSV	152°, 30%, 57%
XYZ	19.3047, 24.5562, 23.1228
YIQ	129.8630, -19.2080, -15.3360

Conversions

Conversions Part 2

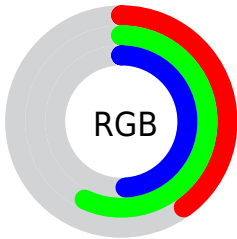
Format	Color
RYB	102, 130, 145
Decimal	6721917
CIELab	56.64, -19.20, 5.92
CIELCh	57, 20.089, 162.863
Yxy	24.5562, 0.2882, 0.3666
Android (android.graphics.Color)	4284911997 (0xFF66917D)
YUV	129.8630, -2.3975, -24.4359
Hunter-Lab	49.5542, -17.1822, 7.0223

Details

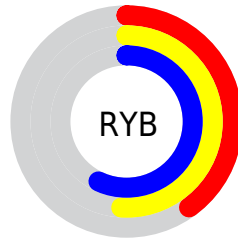
The Yxy color $24.5562, 0.2882, 0.3666$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $16.9246, 0.3468, 0.2944$, and the grayscale version is $22.2850, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.9312, 0.2933, 0.3575$, and $9.2841, 0.2785, 0.3816$ is the 20% darker color. If you saturate the color by 10%, you get $23.6164, 0.2811, 0.3817$, and if you desaturate by 10%, it is $25.6579, 0.2961, 0.3527$.

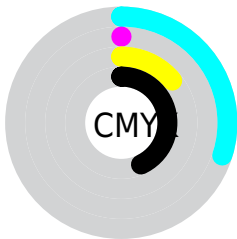
Distribution



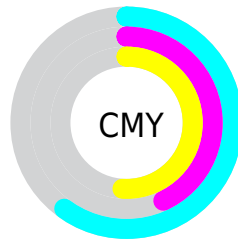
- Red (40%)
- Green (57%)
- Blue (49%)



- Red (40%)
- Yellow (51%)
- Blue (57%)



- Cyan (30%)
- Magenta (0%)
- Yellow (14%)
- Black (43%)



- Cyan (60%)
- Magenta (43%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.5562, 0.2882, 0.3666 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 24.5562, 0.2882, 0.3666 by changing the saturation by 10% instead.

■ 24.5562, 0.2882,
0.3666

■ 24.5562, 0.2882,
0.3666

■ 275.6205, 0.3020,
0.3453

■ 15.7467, 0.2841,
0.3730

■ 50.9363, 0.2936,
0.3582

■ 9.3451, 0.2784,
0.3819

■ 69.2758, 0.2955,
0.3552

■ 4.9670, 0.2699,
0.3954

■ 91.5607, 0.2971,
0.3528

■ 2.2279, 0.2559,
0.4180

■ 118.1754, 0.2984,
0.3508

■ 0.7351, 0.1702,
0.5438

■ 149.5043, 0.2995,
0.3491

■ 0.0000, 0.0000,
0.0000

185.9319, 0.3005,

0.3477

227.8425, 0.3013,
0.3464

■ 24.5562, 0.2882,
0.3666

■ 24.5562, 0.2882,
0.3666

■ 23.6164, 0.2811,
0.3817

■ 25.6579, 0.2961,
0.3527

■ 22.8275, 0.2749,
0.3980

■ 26.9259, 0.3044,
0.3400

■ 22.1820, 0.2702,
0.4151

■ 28.3681, 0.3130,
0.3286

■ 21.6701, 0.2670,
0.4327

■ 29.9911, 0.3216,
0.3185

■ 21.2812, 0.2656,
0.4505

■ 31.8009, 0.3302,
0.3095

■ 21.0027, 0.2662,
0.4681

■ 33.8034, 0.3385,
0.3016

■ 20.8030, 0.2682,
0.4851

■ 36.0044, 0.3466,
0.2946

■ 20.7967, 0.2683,
0.4857

■ 38.4091, 0.3543,
0.2885

■ 41.0227, 0.3617,
0.2832

Harmonies

Analogous

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



24.5562, 0.3223, 0.3877



24.5562, 0.2882, 0.3666



24.5562, 0.2616, 0.3341

Triad

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



24.5562, 0.2882, 0.3666



24.5562, 0.2698, 0.2721



24.5562, 0.3813, 0.3495

Complementary

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



24.5562, 0.2882, 0.3666



16.9246, 0.3468, 0.2944

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.



24.5562, 0.3659, 0.3209



24.5562, 0.2882, 0.3666



24.5562, 0.3001, 0.2778

Square

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



24.5562, 0.2882, 0.3666



24.5562, 0.2516, 0.2803



24.5562, 0.3355, 0.2953



24.5562, 0.3771, 0.3750

Rectangle

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



24.5562, 0.2882, 0.3666



24.5562, 0.2513, 0.3122



24.5562, 0.3355, 0.2953



24.5562, 0.3783, 0.3400

Sweetspot

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



24.5572, 0.2882, 0.3666



48.3330, 0.3048, 0.3394



25.3538, 0.3301, 0.4070



10.6814, 0.3037, 0.3410



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.



24.5572, 0.2882, 0.3666



42.7524, 0.2830, 0.3772



24.6856, 0.2709, 0.3263



6.0746, 0.3048, 0.3394



17.8415, 0.2680, 0.4847



0.1750, 0.2474, 0.4107

Inverse Universe

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



16.9246, 0.3468, 0.2944



26.6778, 0.3580, 0.2858



16.7629, 0.3754, 0.3317



5.4632, 0.3213, 0.3188



5.5206, 0.5050, 0.2556



0.0572, 0.4123, 0.2045

Previews

White Background



This preview shows how the Yxy color 24.5562, 0.2882, 0.3666 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 24.5562, 0.2882, 0.3666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

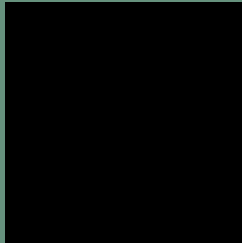
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.5562, 0.2882, 0.3666

Background



This preview shows how black text looks on a background with the Yxy color 24.5562, 0.2882, 0.3666.



This preview shows how white text looks on a background with the Yxy color 24.5562, 0.2882, 0.3666.

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

24.5562, 0.2882, 0.3666

Protanopia

24.3467, 0.3356, 0.3547

Deuteranopia

24.3704, 0.3395, 0.3340



Tritanopia

24.5049, 0.2699, 0.3094

Trichromacy



Original Color

24.5562, 0.2882, 0.3666

Protanomaly

24.3824, 0.3168, 0.3593

Deuteranomaly

24.1272, 0.3187, 0.3447

Tritanomaly

24.3632, 0.2767, 0.3289

Monochromacy



Original Color

24.5562, 0.2882, 0.3666

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

22.8795, 0.3033, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5562, 0.2882, 0.3666 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(102, 145, 125)` looks like.

```
.text, #text, p{  
    color:rgb(102, 145, 125)  
}
```

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(102, 145, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 145, 125) }
```

Border

The CSS property to change the border of an element to Yxy 24.5562, 0.2882, 0.3666 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(102, 145, 125) }
```

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

```
.border{ border-color:rgb(102, 145, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 145, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 145, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 145, 125);  
box-shadow:4px 4px 4px 4px rgb(102, 145,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 24.5562, 0.2882, 0.3666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 145, 125) }
```

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

```
.background{ background-color: rgb(102,  
145, 125) }
```

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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