

Converting Colors

$Y_{xy}(23.1414, 0.2681, 0.3543)$

Have a look what the booklet for
Yxy(23.1414, 0.2681, 0.3543)
contains.

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Color

Yxy(23.1414, 0.2681, 0.3543)

Conversions

Conversions Part 1

Format	Color
Hex	548F82
RGB	84, 143, 130
RGB Percent	33%, 56%, 51%
CMY	0.6704, 0.4392, 0.4902
CMYK	0.41, 0.00, 0.09, 0.44
HSL	167°, 26%, 45%
HSV	167°, 41%, 56%
XYZ	17.5112, 23.1414, 24.6633
YIQ	123.8770, -30.9910, -16.5510

Conversions

Conversions Part 2

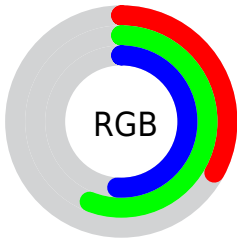
Format	Color
R_{YB}	84, 117, 143
Decimal	5541762
CIE _{Lab}	55.22, -22.46, 0.87
CIE _{LCh}	55, 22.481, 177.774
Yxy	23.1414, 0.2681, 0.3543
Android (android.graphics.Color)	4283731842 (0xFF548F82)
YUV	123.8770, 3.0186, -34.9721
Hunter-Lab	48.1055, -19.2078, 3.2764

Details

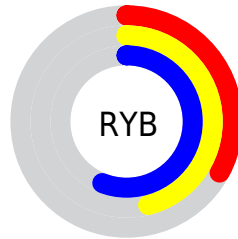
The Yxy color **23.1414, 0.2681, 0.3543** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **13.0517, 0.3904, 0.3058**, and the grayscale version is **20.1145, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.5856, 0.2774, 0.3486**, and **8.5554, 0.2505, 0.3627** is the 20% darker color. If you saturate the color by 10%, you get **22.4647, 0.2600, 0.3616**, and if you desaturate by 10%, it is **23.9573, 0.2776, 0.3474**.

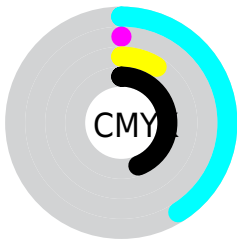
Distribution



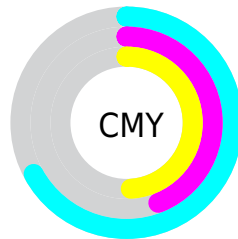
- Red (33%)
- Green (56%)
- Blue (51%)



- Red (33%)
- Yellow (46%)
- Blue (56%)



- Cyan (41%)
- Magenta (0%)
- Yellow (9%)
- Black (44%)




- Cyan (67%)
- Magenta (44%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.1414, 0.2681, 0.3543 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 23.1414, 0.2681, 0.3543 by changing the saturation by 10% instead.

 23.1414, 0.2681,
0.3543

 23.1414, 0.2681,
0.3543


268.4504, 0.2930,
0.3402


 14.6980, 0.2609,
0.3584


 48.6254, 0.2778,
0.3487


 8.6077, 0.2509,
0.3642


 66.4347, 0.2813,
0.3468


 4.4862, 0.2362,
0.3727

 88.1348, 0.2841,
0.3452

 1.9491, 0.2125,
0.3867

 114.1101, 0.2864,
0.3438

 0.5776, 0.0006,
0.5040

 144.7449, 0.2884,
0.3427

 0.0000, 0.0000,
0.0000

180.4236, 0.2902,

0.3417

221.5306, 0.2916,
0.3409

■ 23.1414, 0.2681,
0.3543

■ 23.1414, 0.2681,
0.3543

■ 22.4647, 0.2600,
0.3616

■ 23.9573, 0.2776,
0.3474

■ 21.9160, 0.2534,
0.3692

■ 24.9172, 0.2881,
0.3410

■ 21.4873, 0.2485,
0.3770


■ 26.0290, 0.2994,
0.3350


■ 21.1680, 0.2455,
0.3849


■ 27.2993, 0.3112,
0.3296


■ 20.9460, 0.2444,
0.3928


■ 28.7343, 0.3234,
0.3247

 20.8016, 0.2444,
0.3997

 30.3397, 0.3356,
0.3204

 32.1211, 0.3478,
0.3165

 34.0839, 0.3597,
0.3131

 36.2330, 0.3714,
0.3101

Harmonies

Analogous

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



23.1414, 0.3035, 0.3869



23.1414, 0.2681, 0.3543



23.1414, 0.2453, 0.3155

Triad

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



23.1414, 0.2681, 0.3543



23.1414, 0.2796, 0.2660



23.1414, 0.3915, 0.3672

Complementary

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



23.1414, 0.2681, 0.3543



13.0517, 0.3904, 0.3058

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.



23.1414, 0.3850, 0.3355



23.1414, 0.2681, 0.3543



23.1414, 0.3181, 0.2795

Square

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



23.1414, 0.2681, 0.3543



23.1414, 0.2517, 0.2670



23.1414, 0.3574, 0.3042



23.1414, 0.3756, 0.3918

Rectangle

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



23.1414, 0.2681, 0.3543



23.1414, 0.2395, 0.2931



23.1414, 0.3574, 0.3042



23.1414, 0.3919, 0.3570

Sweetspot

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



23.1423, 0.2681, 0.3543



46.3991, 0.2982, 0.3356



22.8701, 0.3207, 0.4462



10.5863, 0.2969, 0.3363



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.



23.1423, 0.2681, 0.3543



40.3653, 0.2608, 0.3607



19.1205, 0.2531, 0.2979



6.0963, 0.3018, 0.3339



18.3972, 0.2443, 0.3993



0.1791, 0.2340, 0.3622

Inverse Universe

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



13.0517, 0.3904, 0.3058



19.8697, 0.4165, 0.3012



15.5503, 0.4015, 0.3575



5.4423, 0.3249, 0.3242



5.2560, 0.5961, 0.3057



0.0531, 0.4972, 0.2512

Previews

White Background



This preview shows how the Yxy color 23.1414, 0.2681, 0.3543 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 23.1414, 0.2681, 0.3543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

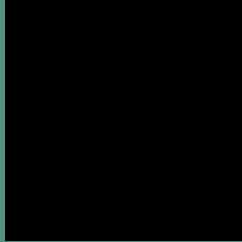
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.1414, 0.2681, 0.3543

Background



This preview shows how black text looks on a background with the Yxy color 23.1414, 0.2681, 0.3543.

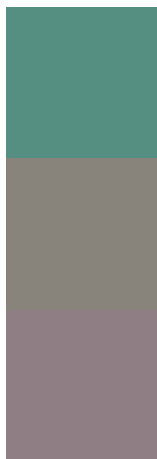


This preview shows how white text looks on a background with the Yxy color 23.1414, 0.2681, 0.3543.

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

23.1414, 0.2681, 0.3543

Protanopia

22.8969, 0.3273, 0.3430

Deuteranopia

22.7118, 0.3251, 0.3189



Tritanopia

23.1642, 0.2555, 0.3085

Trichromacy



Original Color

23.1414, 0.2681, 0.3543

Protanomaly

22.6162, 0.3020, 0.3456

Deuteranomaly

22.5786, 0.3015, 0.3308

Tritanomaly

23.1076, 0.2603, 0.3251

Monochromacy



Original Color

23.1414, 0.2681, 0.3543

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

20.9902, 0.2933, 0.3385

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.1414, 0.2681, 0.3543 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(84, 143, 130)` looks like.

```
.text, #text, p{  
    color:rgb(84, 143, 130)  
}
```

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(84, 143, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 143, 130) }
```

Border

The CSS property to change the border of an element to Yxy 23.1414, 0.2681, 0.3543 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(84, 143, 130) }
```

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

```
.border{ border-color:rgb(84, 143, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 143, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 143, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 143, 130);  
box-shadow:4px 4px 4px 4px rgb(84, 143,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 23.1414, 0.2681, 0.3543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 143, 130) }
```

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

```
.background{ background-color: rgb(84, 143,  
130) }
```

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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