

Converting Colors

$Y_{xy}(23.1270, 0.2685, 0.3134)$

Have a look what the booklet for
Yxy(23.1270, 0.2685, 0.3134)
contains.

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Color

Yxy(23.1083, 0.2682, 0.3124)

Conversions

Conversions Part 1

Format	Color
Hex	668A93
RGB	102, 138, 147
RGB Percent	40%, 54%, 58%
CMY	0.5998, 0.4589, 0.4235
CMYK	0.31, 0.06, 0.00, 0.42
HSL	192°, 18%, 49%
HSV	192°, 31%, 58%
XYZ	19.8388, 23.1083, 31.0231
YIQ	128.2620, -24.3450, -4.8330

Conversions

Conversions Part 2

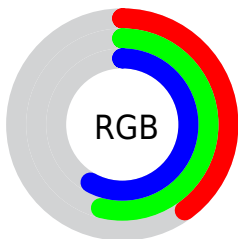
Format	Color
R_{YB}	102, 122, 147
Decimal	6720147
CIE _{Lab}	55.18, -10.23, -8.87
CIE _{LCh}	55, 13.544, 220.934
Yxy	23.1083, 0.2682, 0.3124
Android (android.graphics.Color)	4284910227 (0xFF668A93)
YUV	128.2620, 9.2378, -23.0318
Hunter-Lab	48.0711, -10.4579, -4.6136

Details

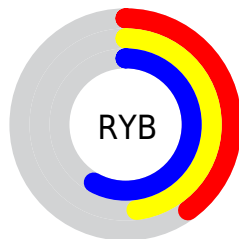
The Yxy color **23.1083, 0.2682, 0.3124** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.5476, 0.3743, 0.3449**, and the grayscale version is **21.6593, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.3487, 0.2774, 0.3156**, and **8.5809, 0.2525, 0.3065** is the 20% darker color. If you saturate the color by 10%, you get **21.4899, 0.2550, 0.3061**, and if you desaturate by 10%, it is **24.9038, 0.2823, 0.3183**.

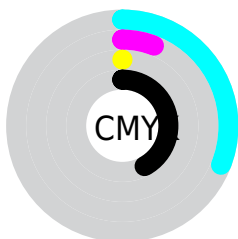
Distribution



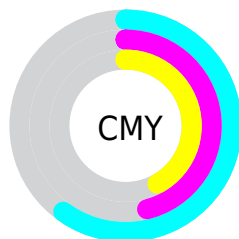
- Red (40%)
- Green (54%)
- Blue (58%)



- Red (40%)
- Yellow (48%)
- Blue (58%)



- Cyan (31%)
- Magenta (6%)
- Yellow (0%)
- Black (42%)



- Cyan (60%)
- Magenta (46%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.1083, 0.2682, 0.3124 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 23.1083, 0.2682, 0.3124 by changing the saturation by 10% instead.

■ 23.1083, 0.2682,
0.3124

■ 23.1083, 0.2682,
0.3124

■ 268.2808, 0.2927,
0.3220

■ 14.6735, 0.2612,
0.3095

■ 48.5711, 0.2777,
0.3163

■ 8.5906, 0.2516,
0.3053

■ 66.3679, 0.2811,
0.3176

■ 4.4751, 0.2377,
0.2989

■ 88.0541, 0.2839,
0.3187

■ 1.9427, 0.2159,
0.2881

■ 114.0142, 0.2862,
0.3196

■ 0.5739, 0.1380,
0.2678

■ 144.6325, 0.2882,
0.3203

■ 0.0000, 0.0000,
0.0000

180.2934, 0.2899,

0.3210

221.3814, 0.2914,
0.3215

■ 23.1083, 0.2682,
0.3124

■ 23.1083, 0.2682,
0.3124

■ 21.4899, 0.2550,
0.3061

■ 24.9038, 0.2823,
0.3183

■ 20.0378, 0.2429,
0.2995

■ 26.8814, 0.2969,
0.3237

■ 18.7437, 0.2322,
0.2926

■ 29.0491, 0.3118,
0.3287

■ 17.5979, 0.2232,
0.2855

■ 31.4137, 0.3268,
0.3332

■ 16.5890, 0.2160,
0.2784

■ 33.9814, 0.3416,
0.3373

■ 15.7040, 0.2107,
0.2712

■ 36.7584, 0.3561,
0.3409

■ 14.9518, 0.2068,
0.2645

■ 39.7505, 0.3701,
0.3440

■ 42.9632, 0.3836,
0.3468

■ 46.4018, 0.3965,
0.3492

Harmonies

Analogous

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



23.1083, 0.2782, 0.3344



23.1083, 0.2682, 0.3124



23.1083, 0.2695, 0.2962

Triad

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



23.1083, 0.2682, 0.3124



23.1083, 0.3270, 0.3044



23.1083, 0.3434, 0.3706

Complementary

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



23.1083, 0.2682, 0.3124



18.5476, 0.3743, 0.3449

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.



23.1083, 0.3576, 0.3604



23.1083, 0.2682, 0.3124



23.1083, 0.3481, 0.3224

Square

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



23.1083, 0.2682, 0.3124



23.1083, 0.3027, 0.2924



23.1083, 0.3594, 0.3427



23.1083, 0.3213, 0.3691

Rectangle

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



23.1083, 0.2682, 0.3124



23.1083, 0.2767, 0.2904



23.1083, 0.3594, 0.3427



23.1083, 0.3493, 0.3683

Sweetspot

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



23.1092, 0.2682, 0.3124



48.6555, 0.2990, 0.3245



24.8473, 0.3007, 0.3976



10.9927, 0.2970, 0.3238



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



23.1092, 0.2682, 0.3124



39.2670, 0.2586, 0.3079



17.3185, 0.2634, 0.2693



6.3667, 0.2990, 0.3245



12.9952, 0.2069, 0.2649



0.1994, 0.2163, 0.2987

Inverse Universe

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



17.5507, 0.3277, 0.2691



27.8359, 0.3321, 0.2549



24.0828, 0.3634, 0.3823



5.8895, 0.3166, 0.3115



6.5052, 0.3776, 0.1854



0.0837, 0.3466, 0.1683

Previews

White Background



This preview shows how the Yxy color 23.1083, 0.2682, 0.3124 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 23.1083, 0.2682, 0.3124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

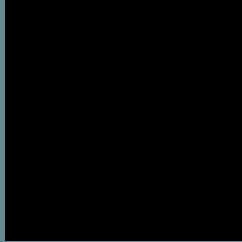
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.1083, 0.2682, 0.3124

Background



This preview shows how black text looks on a background with the Yxy color 23.1083, 0.2682, 0.3124.



This preview shows how white text looks on a background with the Yxy color 23.1083, 0.2682, 0.3124.

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

23.1083, 0.2682, 0.3124

Protanopia

23.0411, 0.3002, 0.3083

Deuteranopia

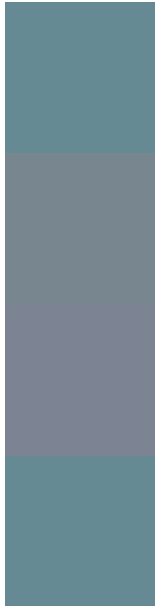
22.8425, 0.2996, 0.2938



Tritanopia

23.1717, 0.2665, 0.3089

Trichromacy



Original Color

23.1083, 0.2682, 0.3124

Protanomaly

23.0569, 0.2876, 0.3113

Deuteranomaly

22.9257, 0.2878, 0.3012

Tritanomaly

23.1399, 0.2673, 0.3107

Monochromacy



Original Color

23.1083, 0.2682, 0.3124

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

22.1737, 0.2952, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.1083, 0.2682, 0.3124 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, 138, 147)` looks like.

```
.text, #text, p{  
    color:rgb(102, 138, 147)  
}
```

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, 138, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 138, 147) }
```

Border

The CSS property to change the border of an element to Yxy 23.1083, 0.2682, 0.3124 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, 138, 147) }
```

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

```
.border{ border-color:rgb(102, 138, 147) }
```

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

Here you see how a box with a 4 pixel rgb(102, 138, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 138, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 138, 147);  
box-shadow:4px 4px 4px 4px rgb(102, 138,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 23.1083, 0.2682, 0.3124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 138, 147) }
```

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

```
.background{ background-color: rgb(102,  
138, 147) }
```

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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