

Converting Colors

$Yxy(23.0524, 0.1885, 0.1824)$

Have a look what the booklet for
Yxy(23.0524, 0.1885, 0.1824)
contains.

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Color

Yxy(23.0524, 0.1885, 0.1824)

Conversions

Conversions Part 1

Format	Color
Hex	2885E8
RGB	40, 133, 232
RGB Percent	16%, 52%, 91%
CMY	0.8431, 0.4784, 0.0904
CMYK	0.83, 0.43, 0.00, 0.09
HSL	211°, 81%, 53%
HSV	211°, 83%, 91%
XYZ	23.8233, 23.0524, 79.5080
YIQ	116.4790, -87.2070, 11.0730

Conversions

Conversions Part 2

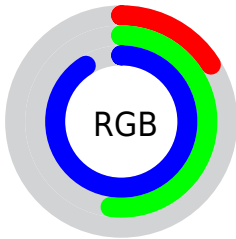
Format	Color
R_{YB}	40, 103, 232
Decimal	2655720
CIE _{Lab}	55.13, 8.67, -57.47
CIE _{LCh}	55, 58.119, 278.583
Yxy	23.0524, 0.1885, 0.1824
Android (android.graphics.Color)	4280845800 (0xFF2885E8)
YUV	116.4790, 56.9519, -67.0721
Hunter-Lab	48.0129, 4.5466, -64.5735

Details

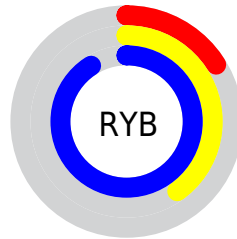
The Yxy color **23.0524, 0.1885, 0.1824** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **35.7571, 0.5027, 0.4193**, and the grayscale version is **17.4632, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.1197, 0.2257, 0.2423**, and **9.4752, 0.1753, 0.1509** is the 20% darker color. If you saturate the color by 10%, you get **19.6289, 0.1799, 0.1633**, and if you desaturate by 10%, it is **27.1285, 0.1996, 0.2024**.

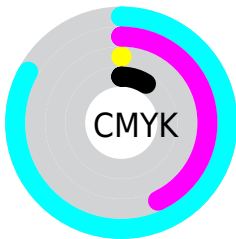
Distribution



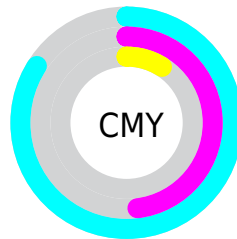
- Red (16%)
- Green (52%)
- Blue (91%)



- Red (16%)
- Yellow (40%)
- Blue (91%)



- Cyan (83%)
- Magenta (43%)
- Yellow (0%)
- Black (9%)



- Cyan (84%)
- Magenta (48%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.0524, 0.1885, 0.1824 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 23.0524, 0.1885, 0.1824 by changing the saturation by 10% instead.

■ 23.0524, 0.1885,
0.1824

■ 23.0524, 0.1885,
0.1824

267.9940, 0.2529,
0.2564

■ 14.6322, 0.1727,
0.1649

■ 48.4794, 0.2119,
0.2088

■ 8.5617, 0.1530,
0.1434

■ 66.2549, 0.2208,
0.2189

■ 4.4564, 0.1282,
0.1168

■ 87.9177, 0.2282,
0.2275

■ 1.9320, 0.0971,
0.0846

■ 113.8521, 0.2346,
0.2349

■ 0.5675, 0.0597,
0.0451

■ 144.4426, 0.2401,
0.2414

■ 0.0000, 0.0000,
0.0000

180.0734, 0.2450,

0.2470

221.1291, 0.2492,
0.2520

■ 23.0524, 0.1885,
0.1824

■ 23.0524, 0.1885,
0.1824

■ 19.6289, 0.1799,
0.1633

■ 27.1285, 0.1996,
0.2024

■ 17.4971, 0.1751,
0.1502

■ 31.9103, 0.2128,
0.2227

■ 37.4458, 0.2276,
0.2428

■ 43.7770, 0.2435,
0.2620

■ 50.9421, 0.2600,
0.2801

■ 58.9763, 0.2766,
0.2967

■ 67.9127, 0.2928,
0.3119

■ 77.7822, 0.3085,
0.3255

■ 88.6142, 0.3235,
0.3376

Harmonies

Analogous

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



23.0524, 0.1525, 0.1990



23.0524, 0.1885, 0.1824



23.0524, 0.2590, 0.1949

Triad

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



23.0524, 0.1885, 0.1824



23.0524, 0.5103, 0.3547



23.0524, 0.2473, 0.4659

Complementary

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



23.0524, 0.1885, 0.1824



35.7571, 0.5027, 0.4193

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.



23.0524, 0.3388, 0.5199



23.0524, 0.1885, 0.1824



23.0524, 0.4940, 0.4252

Square

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



23.0524, 0.1885, 0.1824



23.0524, 0.4593, 0.2886



23.0524, 0.4284, 0.4913



23.0524, 0.1791, 0.3513

Rectangle

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



23.0524, 0.1885, 0.1824



23.0524, 0.3239, 0.2173



23.0524, 0.4284, 0.4913



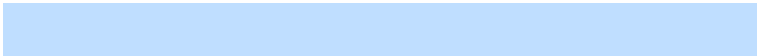
23.0524, 0.2765, 0.4939

Sweetspot

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



23.0531, 0.1885, 0.1824



70.6438, 0.2726, 0.2929



59.9196, 0.2687, 0.4713



14.3608, 0.2668, 0.2871



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



23.0531, 0.1885, 0.1824



21.8683, 0.1755, 0.1511



7.7937, 0.1604, 0.0772



15.0339, 0.2981, 0.3166



9.9673, 0.1759, 0.1531



0.9219, 0.1833, 0.1800

Inverse Universe

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



20.3614, 0.4625, 0.2461



22.7925, 0.5044, 0.2557



74.9936, 0.4148, 0.4977



14.4838, 0.3217, 0.3177



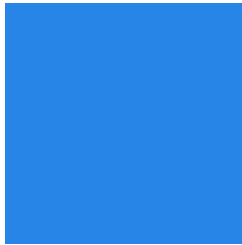
10.2039, 0.5020, 0.2539



0.7727, 0.4685, 0.2355

Previews

White Background



This preview shows how the Yxy color 23.0524, 0.1885, 0.1824 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 23.0524, 0.1885, 0.1824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

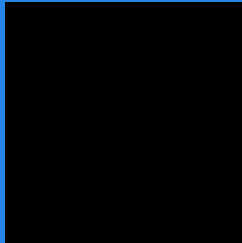
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

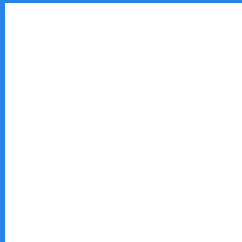
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 23.0524, 0.1885, 0.1824

Background



This preview shows how black text looks on a background with the Yxy color 23.0524, 0.1885, 0.1824.



This preview shows how white text looks on a background with the Yxy color 23.0524, 0.1885, 0.1824.

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

23.0524, 0.1885, 0.1824

Protanopia

23.0106, 0.2053, 0.1851

Deuteranopia

23.0524, 0.1885, 0.1824

Trichromacy



Original Color

23.0524, 0.1885, 0.1824

Protanomaly

22.9245, 0.1975, 0.1836

Deuteranomaly

23.0524, 0.1885, 0.1824

Monochromacy



Original Color

23.0524, 0.1885, 0.1824

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

18.4624, 0.2429, 0.2614

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.0524, 0.1885, 0.1824 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(40, 133, 232)` looks like.

```
.text, #text, p{  
    color:rgb(40, 133, 232)  
}
```

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(40, 133, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 133, 232) }
```

Border

The CSS property to change the border of an element to Yxy 23.0524, 0.1885, 0.1824 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(40, 133, 232) }
```

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

```
.border{ border-color:rgb(40, 133, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 133, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 133, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 133, 232);  
box-shadow:4px 4px 4px 4px rgb(40, 133,  
232) }
```

Background

The CSS property to change the background color of an element to Yxy 23.0524, 0.1885, 0.1824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 133, 232) }
```

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

```
.background{ background-color: rgb(40, 133,  
232) }
```

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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