

Converting Colors

$Y_{xy}(10.5534, 0.2062, 0.1928)$

Have a look what the booklet for
Yxy(10.5534, 0.2062, 0.1928)
contains.

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Color

Yxy(10.5534, 0.2062, 0.1928)

Conversions

Conversions Part 1

Format	Color
Hex	385A9C
RGB	56, 90, 156
RGB Percent	22%, 35%, 61%
CMY	0.7805, 0.6470, 0.3882
CMYK	0.64, 0.42, 0.00, 0.39
HSL	220°, 47%, 42%
HSV	220°, 64%, 61%
XYZ	11.2869, 10.5534, 32.8973
YIQ	87.3580, -41.4500, 13.3180

Conversions

Conversions Part 2

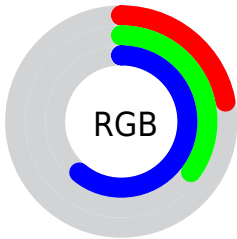
Format	Color
R_{YB}	56, 81, 156
Decimal	3693212
CIE _{Lab}	38.82, 9.48, -39.69
CIE _{LCh}	39, 40.806, 283.431
Yxy	10.5534, 0.2062, 0.1928
Android (android.graphics.Color)	4281883292 (0xFF385A9C)
YUV	87.3580, 33.8405, -27.5010
Hunter-Lab	32.4860, 5.1673, -37.3004

Details

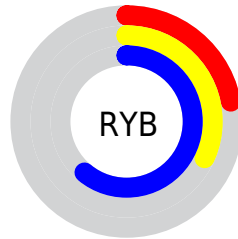
The Yxy color **10.5534, 0.2062, 0.1928** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **21.2666, 0.4331, 0.4308**, and the grayscale version is **9.5434, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.9041, 0.2317, 0.2241**, and **2.8762, 0.1737, 0.1454** is the 20% darker color. If you saturate the color by 10%, you get **8.5544, 0.1914, 0.1681**, and if you desaturate by 10%, it is **12.9336, 0.2226, 0.2177**.

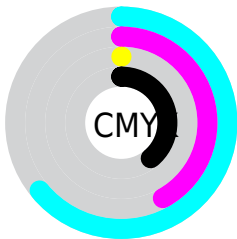
Distribution



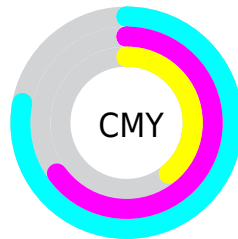
- Red (22%)
- Green (35%)
- Blue (61%)



- Red (22%)
- Yellow (32%)
- Blue (61%)



- Cyan (64%)
- Magenta (42%)
- Yellow (0%)
- Black (39%)



- Cyan (78%)
- Magenta (65%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 10.5534, 0.2062, 0.1928 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 10.5534, 0.2062, 0.1928 by changing the saturation by 10% instead.

■ 10.5534, 0.2062,
0.1928

■ 10.5534, 0.2062,
0.1928

■ 194.5774, 0.2695,
0.2710

■ 5.7674, 0.1868,
0.1703

■ 26.8313, 0.2319,
0.2236

■ 2.7042, 0.1601,
0.1402

■ 39.0920, 0.2407,
0.2345

■ 0.9793, 0.1223,
0.0998

■ 54.6131, 0.2478,
0.2434

■ 0.0000, 0.0275,
0.0000

■ 73.7789, 0.2537,
0.2508

■ 0.0000, 0.0000,
0.0000

■ 96.9738, 0.2586,
0.2571

124.5823, 0.2628,

0.2624

156.9887, 0.2664,
0.2670

■ 10.5534, 0.2062,
0.1928

■ 10.5534, 0.2062,
0.1928

■ 8.5544, 0.1914,
0.1681

■ 12.9336, 0.2226,
0.2177

■ 6.9123, 0.1789,
0.1446

■ 15.7152, 0.2399,
0.2419

■ 5.6006, 0.1692,
0.1233

■ 18.9176, 0.2574,
0.2648

■ 4.9535, 0.1644,
0.1119

■ 22.5589, 0.2746,
0.2860

■ 26.6560, 0.2911,
0.3052

■ 31.2246, 0.3066,
0.3225

■ 36.2799, 0.3211,
0.3378

■ 41.8363, 0.3344,
0.3513

■ 47.9075, 0.3466,
0.3631

Harmonies

Analogous

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



10.5534, 0.1669, 0.2043



10.5534, 0.2062, 0.1928



10.5534, 0.2773, 0.2084

Triad

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



10.5534, 0.2062, 0.1928



10.5534, 0.4956, 0.3658



10.5534, 0.2416, 0.4374

Complementary

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



10.5534, 0.2062, 0.1928



21.2666, 0.4331, 0.4308

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.



10.5534, 0.3248, 0.4993



10.5534, 0.2062, 0.1928



10.5534, 0.4738, 0.4315

Square

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



10.5534, 0.2062, 0.1928



10.5534, 0.4579, 0.3024



10.5534, 0.4094, 0.4871



10.5534, 0.1826, 0.3336

Rectangle

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



10.5534, 0.2062, 0.1928



10.5534, 0.3392, 0.2319



10.5534, 0.4094, 0.4871



10.5534, 0.2677, 0.4659

Sweetspot

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



10.5537, 0.2062, 0.1928



44.3955, 0.2825, 0.2953



25.9994, 0.2604, 0.3989



9.3410, 0.2781, 0.2901



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



10.5537, 0.2062, 0.1928



14.1456, 0.1856, 0.1576



6.5651, 0.2053, 0.1346



6.7858, 0.2988, 0.3138



4.1389, 0.1648, 0.1132



0.1483, 0.1863, 0.1908

Inverse Universe

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



10.6326, 0.4415, 0.2766



15.7911, 0.4890, 0.2735



29.7272, 0.3832, 0.4830



6.6815, 0.3233, 0.3214



6.0400, 0.5563, 0.2838



0.1155, 0.4558, 0.2285

Previews

White Background



This preview shows how the Yxy color 10.5534, 0.2062, 0.1928 looks on a white 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

Black Background



This preview shows how the Yxy color 10.5534, 0.2062, 0.1928 looks on a black 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

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

Yxy 10.5534, 0.2062, 0.1928

Background



This preview shows how black text looks on a background with the Yxy color 10.5534, 0.2062, 0.1928.



This preview shows how white text looks on a background with the Yxy color 10.5534, 0.2062, 0.1928.

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

10.5534, 0.2062, 0.1928

Protanopia

10.5681, 0.2115, 0.1937

Deuteranopia

10.5682, 0.1993, 0.1946



Tritanopia

10.4797, 0.2276, 0.3048

Trichromacy



Original Color

10.5534, 0.2062, 0.1928

Protanomaly

10.4720, 0.2092, 0.1930

Deuteranomaly

10.5108, 0.2016, 0.1933

Tritanomaly

10.3034, 0.2177, 0.2553

Monochromacy



Original Color

10.5534, 0.2062, 0.1928

Achromatopsia

9.5307, 0.3127, 0.3290

Achromatomaly

9.6858, 0.2625, 0.2707

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.5534, 0.2062, 0.1928 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(56, 90, 156)` looks like.

```
.text, #text, p{  
    color:rgb(56, 90, 156)  
}
```

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(56, 90, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 90, 156) }
```

Border

The CSS property to change the border of an element to Yxy 10.5534, 0.2062, 0.1928 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(56, 90, 156) }
```

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

```
.border{ border-color:rgb(56, 90, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 90, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 90, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 90, 156);  
box-shadow:4px 4px 4px 4px rgb(56, 90,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 10.5534, 0.2062, 0.1928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 90, 156) }
```

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

```
.background{ background-color: rgb(56, 90,  
156) }
```

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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