

Converting Colors

$Y_{xy}(22.2053, 0.2543, 0.3746)$

Have a look what the booklet for
Yxy(22.2053, 0.2543, 0.3746)
contains.

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Color

Yxy(22.1359, 0.2542, 0.3749)

Conversions

Conversions Part 1

Format	Color
Hex	36907A
RGB	54, 144, 122
RGB Percent	21%, 56%, 48%
CMY	0.7881, 0.4353, 0.5215
CMYK	0.62, 0.00, 0.15, 0.44
HSL	165°, 45%, 39%
HSV	165°, 62%, 56%
XYZ	15.0092, 22.1359, 21.8997
YIQ	114.5820, -46.5780, -25.9220

Conversions

Conversions Part 2

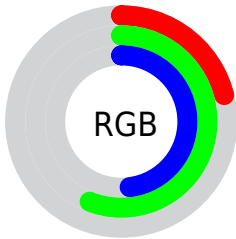
Format	Color
R_{YB}	54, 105, 144
Decimal	3575930
CIE _{Lab}	54.17, -32.20, 3.80
CIE _{LCh}	54, 32.428, 173.264
Yxy	22.1359, 0.2542, 0.3749
Android (android.graphics.Color)	4281766010 (0xFF36907A)
YUV	114.5820, 3.6571, -53.1304
Hunter-Lab	47.0488, -25.3915, 5.3366

Details

The Yxy color **22.1359, 0.2542, 0.3749** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9.0918, 0.4547, 0.2927**, and the grayscale version is **17.0134, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.7592, 0.2671, 0.3645**, and **8.3097, 0.2429, 0.3945** is the 20% darker color. If you saturate the color by 10%, you get **21.7098, 0.2498, 0.3837**, and if you desaturate by 10%, it is **22.6849, 0.2604, 0.3664**.

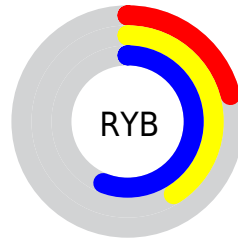
Distribution



Red (21%)

Green (56%)

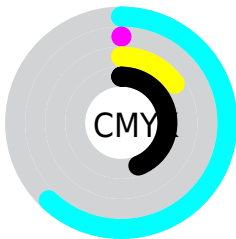
Blue (48%)



Red (21%)

Yellow (41%)

Blue (56%)

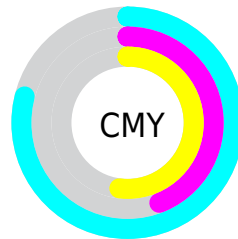


Cyan (62%)

Magenta (0%)

Yellow (15%)

Black (44%)



Cyan (79%)


Magenta (44%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.1359, 0.2542, 0.3749 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 22.1359, 0.2542, 0.3749 by changing the saturation by 10% instead.


 22.1359, 0.2542,
0.3749


 22.1359, 0.2542,
0.3749


263.2552, 0.2872,
0.3487


 13.9568, 0.2445,
0.3829


 46.9705, 0.2672,
0.3644


 8.0906, 0.2309,
0.3941


 64.3948, 0.2718,
0.3608

 4.1530, 0.2108,
0.4112

 85.6696, 0.2755,
0.3578

 1.7595, 0.1767,
0.4410

 111.1793, 0.2786,
0.3554

 0.4617, 0.0000,
0.6610

 141.3083, 0.2812,
0.3533

 0.0000, 0.0000,
0.0000

176.4410, 0.2835,

0.3515

216.9619, 0.2854,
0.3500

■ 22.1359, 0.2542,
0.3749

■ 22.1359, 0.2542,
0.3749

■ 21.7098, 0.2498,
0.3837

■ 22.6849, 0.2604,
0.3664

■ 21.3932, 0.2472,
0.3925

■ 23.3637, 0.2681,
0.3582

■ 21.1741, 0.2465,
0.4014

■ 24.1816, 0.2772,
0.3504

■ 21.0465, 0.2467,
0.4080

■ 25.1465, 0.2874,
0.3432

■ 26.2656, 0.2983,
0.3365

■ 27.5456, 0.3098,
0.3304

■ 28.9928, 0.3216,
0.3249

■ 30.6133, 0.3335,
0.3200

■ 32.4126, 0.3453,
0.3156

Harmonies

Analogous

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



22.1359, 0.3062, 0.4218



22.1359, 0.2542, 0.3749



22.1359, 0.2198, 0.3156

Triad

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



22.1359, 0.2542, 0.3749



22.1359, 0.2573, 0.2390



22.1359, 0.4286, 0.3742

Complementary

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



22.1359, 0.2542, 0.3749



9.0918, 0.4547, 0.2927

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.



22.1359, 0.4147, 0.3291



22.1359, 0.2542, 0.3749



22.1359, 0.3106, 0.2552

Square

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



22.1359, 0.2542, 0.3749



22.1359, 0.2218, 0.2424



22.1359, 0.3697, 0.2872



22.1359, 0.4083, 0.4137

Rectangle

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



22.1359, 0.2542, 0.3749



22.1359, 0.2098, 0.2816



22.1359, 0.3697, 0.2872



22.1359, 0.4279, 0.3593

Sweetspot

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



22.1368, 0.2542, 0.3749



44.9342, 0.2907, 0.3411



21.7706, 0.3221, 0.5134



10.1927, 0.2879, 0.3428



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.



22.1368, 0.2542, 0.3749



38.0429, 0.2485, 0.3873



16.5965, 0.2283, 0.2816



6.0941, 0.3021, 0.3344



18.3318, 0.2465, 0.4075



0.1787, 0.2351, 0.3663

Inverse Universe

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



9.0918, 0.4547, 0.2927



13.0429, 0.5076, 0.2909



11.4365, 0.4748, 0.3672



5.4444, 0.3245, 0.3236



5.2732, 0.5887, 0.3017



0.0535, 0.4865, 0.2454

Previews

White Background



This preview shows how the Yxy color 22.1359, 0.2542, 0.3749 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 22.1359, 0.2542, 0.3749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

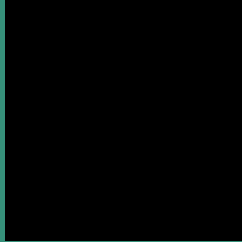
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.1359, 0.2542, 0.3749

Background



This preview shows how black text looks on a background with the Yxy color 22.1359, 0.2542, 0.3749.



This preview shows how white text looks on a background with the Yxy color 22.1359, 0.2542, 0.3749.

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

22.1359, 0.2542, 0.3749

Protanopia

21.7216, 0.3357, 0.3541

Deuteranopia

21.9244, 0.3323, 0.3273



Tritanopia

22.1488, 0.2390, 0.3076

Trichromacy



Original Color

22.1359, 0.2542, 0.3749

Protanomaly

21.3378, 0.2980, 0.3621

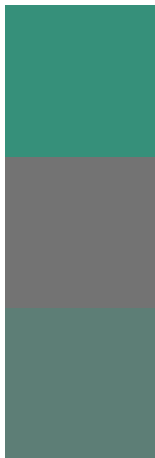
Deuteranomaly

21.2982, 0.2954, 0.3423

Tritanomaly

21.9673, 0.2446, 0.3308

Monochromacy



Original Color

22.1359, 0.2542, 0.3749

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

18.5569, 0.2838, 0.3454

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.1359, 0.2542, 0.3749 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(54, 144, 122)` looks like.

```
.text, #text, p{  
    color:rgb(54, 144, 122)  
}
```

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(54, 144, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 144, 122) }
```

Border

The CSS property to change the border of an element to Yxy 22.1359, 0.2542, 0.3749 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(54, 144, 122) }
```

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

```
.border{ border-color:rgb(54, 144, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 144, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 144, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 144, 122);  
box-shadow:4px 4px 4px 4px rgb(54, 144,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 22.1359, 0.2542, 0.3749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 144, 122) }
```

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

```
.background{ background-color: rgb(54, 144,  
122) }
```

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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