

Converting Colors

$Yxy(28.9538, 0.2425, 0.3257)$

Have a look what the booklet for
Yxy(28.9538, 0.2425, 0.3257)
contains.

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Color

Yxy(29.0544, 0.2431, 0.3270)

Conversions

Conversions Part 1

Format	Color
Hex	47A0A1
RGB	71, 160, 161
RGB Percent	28%, 63%, 63%
CMY	0.7218, 0.3725, 0.3685
CMYK	0.56, 0.01, 0.00, 0.37
HSL	181°, 39%, 45%
HSV	181°, 56%, 63%
XYZ	21.5998, 29.0544, 38.1972
YIQ	133.5030, -53.3650, -18.5570

Conversions

Conversions Part 2

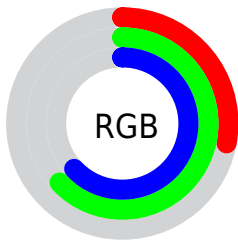
Format	Color
R_{YB}	71, 116, 161
Decimal	4694177
CIE _{Lab}	60.83, -26.04, -8.59
CIE _{LCh}	61, 27.420, 198.256
Yxy	29.0544, 0.2431, 0.3270
Android (android.graphics.Color)	4282884257 (0xFF47A0A1)
YUV	133.5030, 13.5560, -54.8151
Hunter-Lab	53.9021, -22.7999, -4.2838

Details

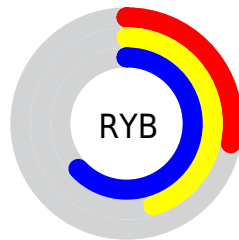
The Yxy color **29.0544, 0.2431, 0.3270** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **12.6607, 0.4746, 0.3310**, and the grayscale version is **23.6072, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.1479, 0.2568, 0.3275**, and **11.8509, 0.2232, 0.3235** is the 20% darker color. If you saturate the color by 10%, you get **28.4632, 0.2357, 0.3266**, and if you desaturate by 10%, it is **29.8092, 0.2523, 0.3274**.

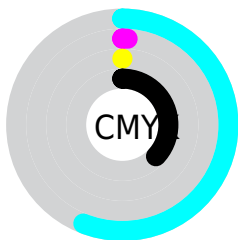
Distribution



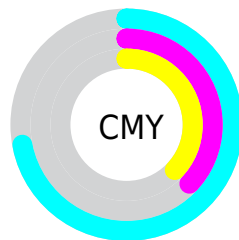
- Red (28%)
- Green (63%)
- Blue (63%)



- Red (28%)
- Yellow (45%)
- Blue (63%)



- Cyan (56%)
- Magenta (1%)
- Yellow (0%)
- Black (37%)




- Cyan (72%)
- Magenta (37%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0544, 0.2431, 0.3270 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 29.0544, 0.2431, 0.3270 by changing the saturation by 10% instead.

 29.0544, 0.2431,
0.3270


 29.0544, 0.2431,
0.3270


297.4715, 0.2799,
0.3289


 19.1220, 0.2333,
0.3261


 58.1635, 0.2569,
0.3280

 11.7584, 0.2203,
0.3247


 78.1090, 0.2620,
0.3282


 6.5794, 0.2024,
0.3223


 102.1609, 0.2662,
0.3284

 3.2005, 0.1764,
0.3176

 130.7037, 0.2698,
0.3286

 1.2373, 0.1264,
0.3103

 164.1218, 0.2728,
0.3287

 0.0918, 0.0000,
0.1159

202.7995, 0.2755,

 0.0000, 0.0000,

0.3288

0.0000

247.1213, 0.2778,
0.3289

■ 29.0544, 0.2431,
0.3270

■ 29.0544, 0.2431,
0.3270

■ 28.4632, 0.2357,
0.3266

■ 29.8092, 0.2523,
0.3274

■ 28.0192, 0.2302,
0.3262

■ 30.7358, 0.2632,
0.3278

■ 27.7084, 0.2265,
0.3259

■ 31.8460, 0.2755,
0.3281

■ 27.5103, 0.2244,
0.3255

■ 33.1494, 0.2891,
0.3285

■ 27.4429, 0.2237,
0.3254

■ 34.6551, 0.3037,
0.3288

■ 36.3716, 0.3190,
0.3291

■ 38.3068, 0.3346,
0.3294

■ 40.4683, 0.3504,
0.3297

■ 42.8632, 0.3661,
0.3299

Harmonies

Analogous

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



29.0544, 0.2737, 0.3711



29.0544, 0.2431, 0.3270



29.0544, 0.2306, 0.2876

Triad

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



29.0544, 0.2431, 0.3270



29.0544, 0.3041, 0.2673



29.0544, 0.3917, 0.3920

Complementary

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



29.0544, 0.2431, 0.3270



12.6607, 0.4746, 0.3310

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.



29.0544, 0.4024, 0.3604



29.0544, 0.2431, 0.3270



29.0544, 0.3498, 0.2913

Square

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



29.0544, 0.2431, 0.3270



29.0544, 0.2637, 0.2569



29.0544, 0.3869, 0.3243



29.0544, 0.3596, 0.4093

Rectangle

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



29.0544, 0.2431, 0.3270



29.0544, 0.2333, 0.2695



29.0544, 0.3869, 0.3243



29.0544, 0.3980, 0.3825

Sweetspot

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



29.0555, 0.2431, 0.3270



59.0099, 0.2872, 0.3284



27.2882, 0.3045, 0.5043



12.8431, 0.2846, 0.3284



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



29.0555, 0.2431, 0.3270



50.7542, 0.2343, 0.3265



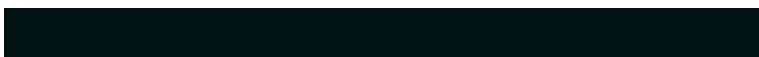
16.3962, 0.2254, 0.2420



7.9975, 0.2988, 0.3287



21.9157, 0.2237, 0.3254



0.4645, 0.2241, 0.3267

Inverse Universe

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



14.6153, 0.3202, 0.2009



22.3572, 0.3215, 0.1807



20.5186, 0.4300, 0.3996



7.2008, 0.3139, 0.3071



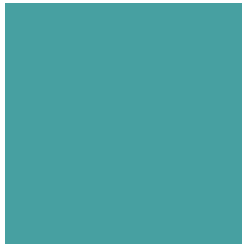
8.0565, 0.3237, 0.1557



0.1697, 0.3226, 0.1551

Previews

White Background



This preview shows how the Yxy color 29.0544, 0.2431, 0.3270 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 29.0544, 0.2431, 0.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

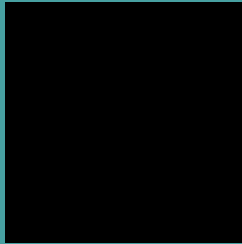
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0544, 0.2431, 0.3270

Background



This preview shows how black text looks on a background with the Yxy color 29.0544, 0.2431, 0.3270.

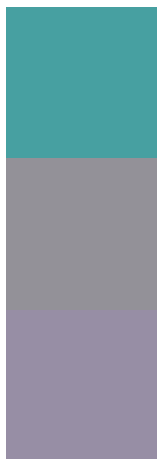


This preview shows how white text looks on a background with the Yxy color 29.0544, 0.2431, 0.3270.

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

29.0544, 0.2431, 0.3270

Protanopia

28.7208, 0.3080, 0.3180

Deuteranopia

28.6419, 0.2999, 0.2939



Tritanopia

28.8898, 0.2384, 0.3064

Trichromacy



Original Color

29.0544, 0.2431, 0.3270

Protanomaly

28.1012, 0.2786, 0.3205

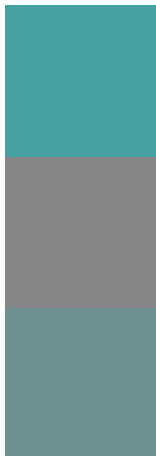
Deuteranomaly

28.3128, 0.2738, 0.3043

Tritanomaly

29.0421, 0.2407, 0.3149

Monochromacy



Original Color

29.0544, 0.2431, 0.3270

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.9431, 0.2797, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0544, 0.2431, 0.3270 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(71, 160, 161)` looks like.

```
.text, #text, p{  
    color:rgb(71, 160, 161)  
}
```

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(71, 160, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 160, 161) }
```

Border

The CSS property to change the border of an element to Yxy 29.0544, 0.2431, 0.3270 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(71, 160, 161) }
```

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

```
.border{ border-color:rgb(71, 160, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 160, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 160, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 160, 161);  
box-shadow:4px 4px 4px 4px rgb(71, 160,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0544, 0.2431, 0.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 160, 161) }
```

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

```
.background{ background-color: rgb(71, 160,  
161) }
```

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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