

Converting Colors

$Yxy(15.1358, 0.2761, 0.3359)$

Have a look what the booklet for
Yxy(15.1358, 0.2761, 0.3359)
contains.

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Color

Yxy(15.2252, 0.2763, 0.3356)

Conversions

Conversions Part 1

Format	Color
Hex	527370
RGB	82, 115, 112
RGB Percent	32%, 45%, 44%
CMY	0.6784, 0.5490, 0.5608
CMYK	0.29, 0.00, 0.03, 0.55
HSL	175°, 17%, 39%
HSV	175°, 29%, 45%
XYZ	12.5349, 15.2252, 17.6070
YIQ	104.7910, -18.7050, -7.9290

Conversions

Conversions Part 2

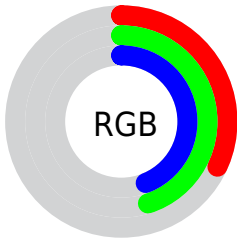
Format	Color
RYB	82, 99, 115
Decimal	5403504
CIELab	45.94, -12.48, -2.17
CIELCh	46, 12.668, 189.845
Yxy	15.2252, 0.2763, 0.3356
Android (android.graphics.Color)	4283593584 (0xFF527370)
YUV	104.7910, 3.5540, -19.9877
Hunter-Lab	39.0195, -10.9413, 0.5599

Details

The Yxy color **15.2252, 0.2763, 0.3356** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **10.3356, 0.3661, 0.3226**, and the grayscale version is **14.0614, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.2233, 0.2844, 0.3336**, and **4.7418, 0.2601, 0.3401** is the 20% darker color. If you saturate the color by 10%, you get **14.7296, 0.2654, 0.3382**, and if you desaturate by 10%, it is **15.8088, 0.2883, 0.3331**.

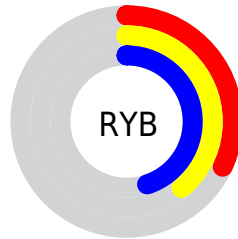
Distribution



Red (32%)

Green (45%)

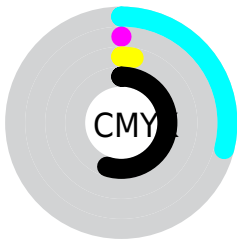
Blue (44%)



Red (32%)

Yellow (39%)

Blue (45%)

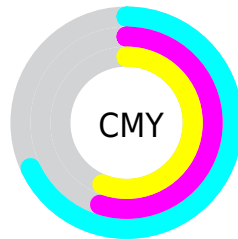


Cyan (29%)

Magenta (0%)

Yellow (3%)

Black (55%)



Cyan (68%)


Magenta (55%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.2252, 0.2763, 0.3356 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 15.2252, 0.2763, 0.3356 by changing the saturation by 10% instead.


 15.2252, 0.2763,
0.3356


 15.2252, 0.2763,
0.3356


224.7253, 0.2977,
0.3319


 8.9776, 0.2694,
0.3367

 35.2478, 0.2851,
0.3341


 4.7266, 0.2594,
0.3382

 49.7915, 0.2881,
0.3336


 2.0877, 0.2433,
0.3405

 67.8694, 0.2905,
0.3332

 0.6577, 0.1736,
0.3563

 89.8659, 0.2924,
0.3328

 0.0000, 0.0000,
0.0000

 116.1653, 0.2941,
0.3325

147.1521, 0.2955,

0.3323

183.2106, 0.2967,
0.3321

■ 15.2252, 0.2763,
0.3356

■ 15.2252, 0.2763,
0.3356

■ 14.7296, 0.2654,
0.3382

■ 15.8088, 0.2883,
0.3331

■ 14.3157, 0.2559,
0.3410

■ 16.4824, 0.3011,
0.3308

■ 13.9795, 0.2479,
0.3439

■ 17.2506, 0.3145,
0.3287

■ 13.7159, 0.2416,
0.3468

■ 18.1167, 0.3283,
0.3268

■ 13.5191, 0.2370,
0.3498

■ 19.0842, 0.3422,
0.3251

■ 13.3825, 0.2342,
0.3527

■ 20.1563, 0.3561,
0.3236

■ 13.2850, 0.2325,
0.3557

■ 21.3360, 0.3698,
0.3223

■ 13.2726, 0.2322,
0.3561

■ 22.6262, 0.3832,
0.3211

■ 24.0298, 0.3962,
0.3201

Harmonies

Analogous

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



15.2252, 0.2972, 0.3585



15.2252, 0.2763, 0.3356



15.2252, 0.2652, 0.3118

Triad

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



15.2252, 0.2763, 0.3356



15.2252, 0.3010, 0.2895



15.2252, 0.3613, 0.3621

Complementary

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



15.2252, 0.2763, 0.3356



10.3356, 0.3661, 0.3226

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.



15.2252, 0.3627, 0.3428



15.2252, 0.2763, 0.3356



15.2252, 0.3271, 0.3020

Square

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



15.2252, 0.2763, 0.3356



15.2252, 0.2790, 0.2865



15.2252, 0.3501, 0.3211



15.2252, 0.3464, 0.3735

Rectangle

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



15.2252, 0.2763, 0.3356



15.2252, 0.2644, 0.2991



15.2252, 0.3501, 0.3211



15.2252, 0.3634, 0.3562

Sweetspot

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



15.2258, 0.2763, 0.3356



29.4442, 0.3004, 0.3310



14.8167, 0.3132, 0.4061



6.9882, 0.2988, 0.3312



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

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



15.2258, 0.2763, 0.3356



26.6950, 0.2694, 0.3372



12.4956, 0.2702, 0.2987



4.1498, 0.3006, 0.3309



15.1710, 0.2323, 0.3563



73.8639, 0.2327, 0.3578

Inverse Universe

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



10.3356, 0.3661, 0.3226



16.5054, 0.3823, 0.3212



12.4750, 0.3640, 0.3574



3.7058, 0.3263, 0.3271



4.1913, 0.6247, 0.3215



20.3664, 0.6321, 0.3256

Previews

White Background



This preview shows how the Yxy color 15.2252, 0.2763, 0.3356 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 15.2252, 0.2763, 0.3356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

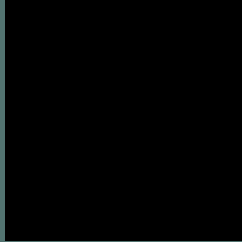
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.2252, 0.2763, 0.3356

Background



This preview shows how black text looks on a background with the Yxy color 15.2252, 0.2763, 0.3356.



This preview shows how white text looks on a background with the Yxy color 15.2252, 0.2763, 0.3356.

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

15.2252, 0.2763, 0.3356

Protanopia

15.1228, 0.3155, 0.3290

Deuteranopia

15.0311, 0.3163, 0.3110



Tritanopia

15.1002, 0.2678, 0.3094

Trichromacy



Original Color

15.2252, 0.2763, 0.3356

Protanomaly

15.1823, 0.3007, 0.3332

Deuteranomaly

15.0726, 0.3011, 0.3206

Tritanomaly

15.1816, 0.2710, 0.3201

Monochromacy



Original Color

15.2252, 0.2763, 0.3356

Achromatopsia

14.1263, 0.3127, 0.3290

Achromatomaly

14.5614, 0.2980, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.2252, 0.2763, 0.3356 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(82, 115, 112) looks like.

```
.text, #text, p{  
    color:rgb(82, 115, 112)  
}
```

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(82, 115, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 115, 112) }
```

Border

The CSS property to change the border of an element to Yxy 15.2252, 0.2763, 0.3356 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(82, 115, 112) }
```

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

```
.border{ border-color:rgb(82, 115, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 115, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 115, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 115, 112);  
box-shadow:4px 4px 4px 4px rgb(82, 115,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 15.2252, 0.2763, 0.3356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 115, 112) }
```

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

```
.background{ background-color: rgb(82, 115,  
112) }
```

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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