

Converting Colors

$Yxy(32.7287, 0.2753, 0.3817)$

Have a look what the booklet for
Yxy(32.7287, 0.2753, 0.3817)
contains.

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Color

Yxy(32.6729, 0.2749, 0.3811)

Conversions

Conversions Part 1

Format	Color
Hex	5FA98B
RGB	95, 169, 139
RGB Percent	37%, 66%, 55%
CMY	0.6274, 0.3372, 0.4549
CMYK	0.44, 0.00, 0.18, 0.34
HSL	156°, 30%, 52%
HSV	156°, 44%, 66%
XYZ	23.5680, 32.6729, 29.4922
YIQ	143.4540, -34.4740, -25.0180

Conversions

Conversions Part 2

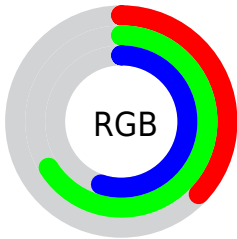
Format	Color
RYB	95, 141, 169
Decimal	6269323
CIELab	63.90, -30.25, 8.35
CIELCh	64, 31.384, 164.576
Yxy	32.6729, 0.2749, 0.3811
Android (android.graphics.Color)	4284459403 (0xFF5FA98B)
YUV	143.4540, -2.1958, -42.4942
Hunter-Lab	57.1602, -26.4321, 9.4211

Details

The Yxy color **32.6729, 0.2749, 0.3811** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.1014, 0.3782, 0.2834**, and the grayscale version is **27.6797, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.0458, 0.2830, 0.3712**, and **13.6835, 0.2616, 0.3993** is the 20% darker color. If you saturate the color by 10%, you get **31.6711, 0.2688, 0.3956**, and if you desaturate by 10%, it is **33.8862, 0.2823, 0.3674**.

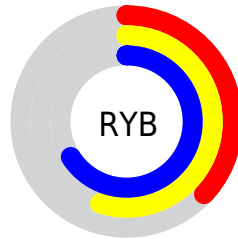
Distribution



Red (37%)

Green (66%)

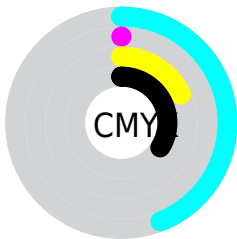
Blue (55%)



Red (37%)

Yellow (55%)

Blue (66%)

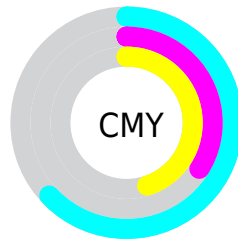


Cyan (44%)

Magenta (0%)

Yellow (18%)

Black (34%)



Cyan (63%)


Magenta (34%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.6729, 0.2749, 0.3811 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 32.6729, 0.2749, 0.3811 by changing the saturation by 10% instead.


 32.6729, 0.2749,
0.3811


 32.6729, 0.2749,
0.3811


314.1732, 0.2953,
0.3526

 21.8760, 0.2693,
0.3891


 63.8645, 0.2827,
0.3701

 13.7658, 0.2616,
0.4001


 85.0280, 0.2855,
0.3662

 7.9580, 0.2508,
0.4158

 110.4158, 0.2879,
0.3629

 4.0681, 0.2343,
0.4404

 140.4123, 0.2898,
0.3602

 1.7117, 0.2048,
0.4846

175.4019, 0.2915,
0.3579

 0.4312, 0.0000,
1.0000

215.7690, 0.2929,

 0.0000, 0.0000,

0.3559

0.0000

261.8980, 0.2942,
0.3542

■ 32.6729, 0.2749,
0.3811

■ 32.6729, 0.2749,
0.3811

■ 31.6711, 0.2688,
0.3956

■ 33.8862, 0.2823,
0.3674

■ 30.8638, 0.2642,
0.4108

■ 35.3190, 0.2907,
0.3548

■ 30.2378, 0.2614,
0.4264


■ 36.9835, 0.2997,
0.3432


■ 29.7763, 0.2606,
0.4420


■ 38.8901, 0.3091,
0.3327

■ 29.4594, 0.2617,
0.4574


■ 41.0482, 0.3187,
0.3233

 29.3064, 0.2630,
0.4668

 43.4670, 0.3283,
0.3149

 46.1551, 0.3377,
0.3076

 49.1208, 0.3469,
0.3011

 52.3718, 0.3558,
0.2954

Harmonies

Analogous

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



32.6729, 0.3222, 0.4133



32.6729, 0.2749, 0.3811



32.6729, 0.2396, 0.3325

Triad

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



32.6729, 0.2749, 0.3811



32.6729, 0.2545, 0.2502



32.6729, 0.4109, 0.3580

Complementary

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



32.6729, 0.2749, 0.3811



18.1014, 0.3782, 0.2834

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.



32.6729, 0.3905, 0.3188



32.6729, 0.2749, 0.3811



32.6729, 0.2970, 0.2594

Square

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



32.6729, 0.2749, 0.3811



32.6729, 0.2289, 0.2592



32.6729, 0.3474, 0.2839



32.6729, 0.4023, 0.3939

Rectangle

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



32.6729, 0.2749, 0.3811



32.6729, 0.2265, 0.3012



32.6729, 0.3474, 0.2839



32.6729, 0.4073, 0.3449

Sweetspot

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



32.6742, 0.2749, 0.3811



66.4104, 0.3002, 0.3426



33.6264, 0.3335, 0.4515



14.3273, 0.2982, 0.3449



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



32.6742, 0.2749, 0.3811



56.6931, 0.2687, 0.3959



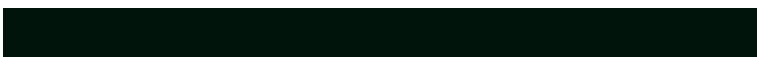
31.4340, 0.2529, 0.3186



8.4798, 0.3039, 0.3383



21.8521, 0.2626, 0.4652



0.5414, 0.2486, 0.4148

Inverse Universe

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



18.1014, 0.3782, 0.2834



27.0293, 0.4018, 0.2737



18.6024, 0.4207, 0.3388



7.5908, 0.3225, 0.3199



6.6123, 0.5314, 0.2701



0.1711, 0.4467, 0.2235

Previews

White Background



This preview shows how the Yxy color 32.6729, 0.2749, 0.3811 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 32.6729, 0.2749, 0.3811 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 ✓ Pass

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

Yxy 32.6729, 0.2749, 0.3811

Background



This preview shows how black text looks on a background with the Yxy color 32.6729, 0.2749, 0.3811.

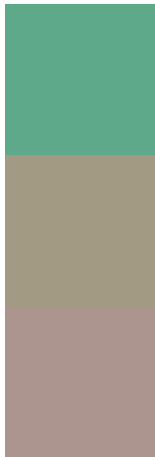


This preview shows how white text looks on a background with the Yxy color 32.6729, 0.2749, 0.3811.

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

32.6729, 0.2749, 0.3811

Protanopia

32.4313, 0.3429, 0.3640

Deuteranopia

32.3623, 0.3438, 0.3378



Tritanopia

32.7285, 0.2545, 0.3080

Trichromacy



Original Color

32.6729, 0.2749, 0.3811

Protanomaly

31.9208, 0.3147, 0.3695

Deuteranomaly

31.7497, 0.3146, 0.3511

Tritanomaly

32.6835, 0.2616, 0.3338

Monochromacy



Original Color

32.6729, 0.2749, 0.3811

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

28.8451, 0.2963, 0.3458

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.6729, 0.2749, 0.3811 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(95, 169, 139)` looks like.

```
.text, #text, p{  
    color:rgb(95, 169, 139)  
}
```

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(95, 169, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 169, 139) }
```

Border

The CSS property to change the border of an element to Yxy 32.6729, 0.2749, 0.3811 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(95, 169, 139) }
```

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

```
.border{ border-color:rgb(95, 169, 139) }
```

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

Here you see how a box with a 4 pixel rgb(95, 169, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 169, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 169, 139);  
box-shadow:4px 4px 4px 4px rgb(95, 169,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 32.6729, 0.2749, 0.3811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 169, 139) }
```

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

```
.background{ background-color: rgb(95, 169,  
139) }
```

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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