

Converting Colors

$Yxy(8.3124, 0.5806, 0.2513)$

Have a look what the booklet for
Yxy(8.3124, 0.5806, 0.2513)
contains.

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Color

Yxy(10.3267, 0.5547, 0.2829)

Conversions

Conversions Part 1

Format	Color
Hex	B60041
RGB	182, 0, 65
RGB Percent	71%, 0%, 25%
CMY	0.2862, 1.0000, 0.7451
CMYK	0.00, 1.00, 0.64, 0.29
HSL	339°, 100%, 36%
HSV	339°, 100%, 71%
XYZ	20.2482, 10.3267, 5.9281
YIQ	61.8280, 87.6070, 58.7990

Conversions

Conversions Part 2

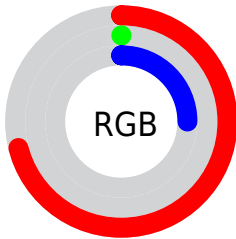
Format	Color
R_{YB}	182, 0, 65
Decimal	11927617
CIE Lab	38.42, 64.04, 18.03
CIE LCh	38, 66.530, 15.724
Yxy	10.3267, 0.5547, 0.2829
Android (android.graphics.Color)	4290117697 (0xFFB60041)
YUV	61.8280, 1.5638, 105.3908
Hunter-Lab	32.1352, 56.2354, 11.5572

Details

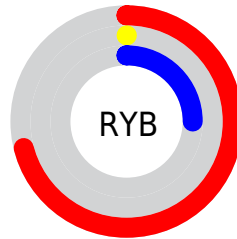
The Yxy color **10.3267, 0.5547, 0.2829** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **34.7462, 0.2584, 0.4502**, and the grayscale version is **4.7800, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.2878, 0.4929, 0.3001**, and **4.1309, 0.5999, 0.3079** is the 20% darker color. If you saturate the color by 10%, you get **10.3285, 0.5547, 0.2829**, and if you desaturate by 10%, it is **10.9177, 0.5245, 0.2747**.

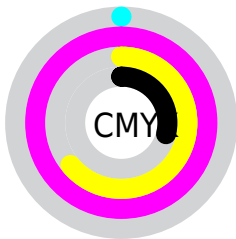
Distribution



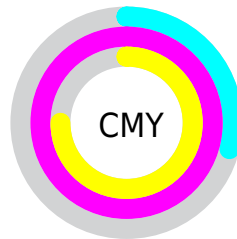
- Red (71%)
- Green (0%)
- Blue (25%)



- Red (71%)
- Yellow (0%)
- Blue (25%)



- Cyan (0%)
- Magenta (100%)
- Yellow (64%)
- Black (29%)





- Cyan (29%)
- Magenta (100%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.3267, 0.5547, 0.2829 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 10.3267, 0.5547, 0.2829 by changing the saturation by 10% instead.


 10.3267, 0.5547,
0.2829


 10.3267, 0.5547,
0.2829


192.9881, 0.4055,
0.3181


 5.6161, 0.6031,
0.2670


 26.4082, 0.4924,
0.3001


 2.6131, 0.6710,
0.2406

 38.5479, 0.4716,
0.3051

 0.9332, 0.7982,
0.2018

 53.9327, 0.4549,
0.3087

 0.0000, 1.0000,
0.0000

 72.9471, 0.4413,
0.3115

 0.0000, 0.0000,
0.0000

 95.9755, 0.4301,
0.3137

 123.4022, 0.4206,

0.3155

155.6116, 0.4125,
0.3169

■ 10.3267, 0.5547,
0.2829

■ 10.3267, 0.5547,
0.2829

■ 10.3285, 0.5547,
0.2829

■ 10.9177, 0.5245,
0.2747

■ 11.9444, 0.4920,
0.2706

■ 13.5639, 0.4589,
0.2713

■ 15.8520, 0.4277,
0.2758

■ 18.8730, 0.3997,
0.2831

■ 22.6838, 0.3755,
0.2919

■ 27.3354, 0.3551,
0.3015

■ 32.8747, 0.3381,
0.3110

■ 39.3449, 0.3242,
0.3203

Harmonies

Analogous

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



10.3267, 0.4159, 0.2112



10.3267, 0.5547, 0.2829



10.3267, 0.5912, 0.3618

Triad

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



10.3267, 0.5547, 0.2829



10.3267, 0.2967, 0.6168



10.3267, 0.1093, 0.1430

Complementary

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



10.3267, 0.5547, 0.2829



34.7462, 0.2584, 0.4502

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.



10.3267, 0.0939, 0.1915



10.3267, 0.5547, 0.2829



10.3267, 0.1836, 0.5065

Square

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



10.3267, 0.5547, 0.2829



10.3267, 0.4242, 0.5673



10.3267, 0.1138, 0.3115



10.3267, 0.1610, 0.1356

Rectangle

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



10.3267, 0.5547, 0.2829



10.3267, 0.5604, 0.4235



10.3267, 0.1138, 0.3115



10.3267, 0.1006, 0.1535

Sweetspot

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



10.3285, 0.5547, 0.2829



49.0845, 0.3560, 0.3010



7.0415, 0.2307, 0.1045



10.0235, 0.3642, 0.2969



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



10.3285, 0.5547, 0.2829



18.6815, 0.5589, 0.2852



10.6112, 0.6280, 0.3395



9.0638, 0.3233, 0.3209



7.3043, 0.5516, 0.2813



0.2695, 0.4794, 0.2415

Inverse Universe

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



10.3285, 0.5547, 0.2829



18.6815, 0.5589, 0.2852



27.7450, 0.2129, 0.2863



9.0638, 0.3233, 0.3209



7.3043, 0.5516, 0.2813



0.2695, 0.4794, 0.2415

Previews

White Background



This preview shows how the Yxy color 10.3267, 0.5547, 0.2829 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 10.3267, 0.5547, 0.2829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

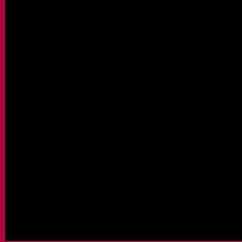
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.3267, 0.5547, 0.2829

Background



This preview shows how black text looks on a background with the Yxy color 10.3267, 0.5547, 0.2829.



This preview shows how white text looks on a background with the Yxy color 10.3267, 0.5547, 0.2829.

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

10.3267, 0.5547, 0.2829

Protanopia

11.0346, 0.3114, 0.3243

Deuteranopia

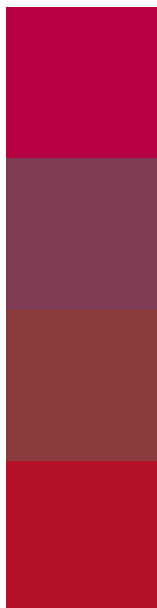
10.9509, 0.4048, 0.3986



Tritanopia

10.6285, 0.6103, 0.3311

Trichromacy



Original Color

10.3267, 0.5547, 0.2829

Protanomaly

8.2036, 0.4013, 0.2798

Deuteranomaly

8.6558, 0.4781, 0.3243

Tritanomaly

10.3711, 0.5968, 0.3154

Monochromacy



Original Color

10.3267, 0.5547, 0.2829

Achromatopsia

4.8172, 0.3127, 0.3290

Achromatomaly

4.8741, 0.4278, 0.2756

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.3267, 0.5547, 0.2829 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(182, 0, 65)` looks like.

```
.text, #text, p{  
    color:rgb(182, 0, 65)  
}
```

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(182, 0, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 0, 65) }
```

Border

The CSS property to change the border of an element to Yxy 10.3267, 0.5547, 0.2829 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(182, 0, 65) }
```

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

```
.border{ border-color:rgb(182, 0, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 0, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 0, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 0, 65);  
box-shadow:4px 4px 4px 4px rgb(182, 0, 65)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.3267, 0.5547, 0.2829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 0, 65) }
```

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

```
.background{ background-color: rgb(182, 0,  
65) }
```

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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