

Converting Colors

Yxy(32.9412, 0.2544, 0.2529)

Have a look what the booklet for
Yxy(32.9412, 0.2544, 0.2529)
contains.

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Color

Yxy(32.8995, 0.2540, 0.2525)

Conversions

Conversions Part 1

Format	Color
Hex	889AD0
RGB	136, 154, 208
RGB Percent	53%, 60%, 82%
CMY	0.4667, 0.3961, 0.1842
CMYK	0.35, 0.26, 0.00, 0.18
HSL	225°, 43%, 67%
HSV	225°, 35%, 82%
XYZ	33.0949, 32.8995, 64.3006
YIQ	154.7740, -28.0620, 12.9780

Conversions

Conversions Part 2

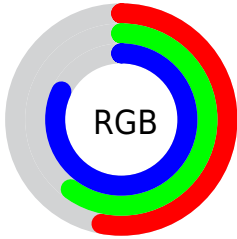
Format	Color
RYB	136, 150, 208
Decimal	8952528
CIELab	64.08, 6.59, -29.73
CIElCh	64, 30.449, 282.496
Yxy	32.8995, 0.2540, 0.2525
Android (android.graphics.Color)	4287142608 (0xFF889AD0)
YUV	154.7740, 26.2404, -16.4648
Hunter-Lab	57.3581, 2.6158, -26.3157

Details

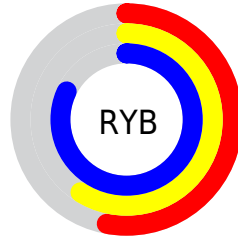
The Yxy color **32.8995, 0.2540, 0.2525** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **52.0246, 0.3713, 0.3952**, and the grayscale version is **32.5644, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.4081, 0.2711, 0.2768**, and **13.8394, 0.2359, 0.2304** is the 20% darker color. If you saturate the color by 10%, you get **26.5054, 0.2352, 0.2256**, and if you desaturate by 10%, it is **40.3034, 0.2723, 0.2775**.

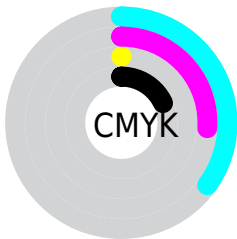
Distribution



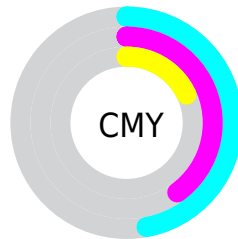
- Red (53%)
- Green (60%)
- Blue (82%)



- Red (53%)
- Yellow (59%)
- Blue (82%)



- Cyan (35%)
- Magenta (26%)
- Yellow (0%)
- Black (18%)



- Cyan (47%)
- Magenta (40%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.8995, 0.2540, 0.2525 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 32.8995, 0.2540, 0.2525 by changing the saturation by 10% instead.

■ 32.8995, 0.2540,
0.2525

■ 32.8995, 0.2540,
0.2525

■ 315.1966, 0.2846,
0.2915

■ 22.0495, 0.2461,
0.2427

■ 64.2186, 0.2653,
0.2668

■ 13.8933, 0.2358,
0.2301

■ 85.4564, 0.2695,
0.2721

■ 8.0465, 0.2220,
0.2134

■ 110.9257, 0.2730,
0.2766

■ 4.1247, 0.2026,
0.1905

■ 141.0107, 0.2760,
0.2804

■ 1.7436, 0.1739,
0.1577

■ 176.0959, 0.2786,
0.2837

■ 0.4516, 0.1264,
0.0967

■ 216.5657, 0.2809,

■ 0.0000, 0.0000,

0.2866

0.0000

262.8045, 0.2828,
0.2892

■ 32.8995, 0.2540,
0.2525

■ 32.8995, 0.2540,
0.2525

■ 26.5054, 0.2352,
0.2256

■ 40.3034, 0.2723,
0.2775

■ 21.0722, 0.2165,
0.1975

■ 48.7557, 0.2896,
0.3002

■ 16.5521, 0.1988,
0.1691

■ 58.2973, 0.3057,
0.3204

■ 12.8916, 0.1832,
0.1419

■ 68.9660, 0.3204,
0.3383

■ 10.0311, 0.1705,
0.1174

■ 80.7975, 0.3338,
0.3540

■ 7.9017, 0.1614,
0.0968

■ 92.7086, 0.3418,
0.3681

■ 7.0140, 0.1577,
0.0877

■ 97.3356, 0.3405,
0.3750

Harmonies

Analogous

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



32.8995, 0.2303, 0.2627



32.8995, 0.2540, 0.2525



32.8995, 0.2943, 0.2603

Triad

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



32.8995, 0.2540, 0.2525



32.8995, 0.4073, 0.3547



32.8995, 0.2791, 0.3822

Complementary

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



32.8995, 0.2540, 0.2525



52.0246, 0.3713, 0.3952

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.



32.8995, 0.3253, 0.4116



32.8995, 0.2540, 0.2525



32.8995, 0.4009, 0.3900

Square

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



32.8995, 0.2540, 0.2525



32.8995, 0.3856, 0.3166



32.8995, 0.3702, 0.4127



32.8995, 0.2436, 0.3358

Rectangle

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



32.8995, 0.2540, 0.2525



32.8995, 0.3266, 0.2741



32.8995, 0.3702, 0.4127



32.8995, 0.2938, 0.3948

Sweetspot

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



32.9008, 0.2540, 0.2525



83.8806, 0.2971, 0.3096



54.0267, 0.2752, 0.3550



17.5001, 0.2948, 0.3067



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



32.9008, 0.2540, 0.2525



44.0439, 0.2392, 0.2315



28.9121, 0.2648, 0.2300



11.8912, 0.2982, 0.3110



4.5007, 0.1583, 0.0899



0.3802, 0.1684, 0.1261

Inverse Universe

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



33.3517, 0.3734, 0.3063



45.4912, 0.3940, 0.3012



58.0096, 0.3506, 0.4189



11.8561, 0.3252, 0.3232



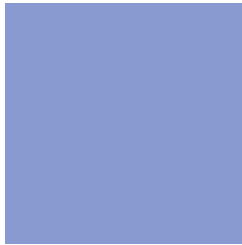
8.5256, 0.5913, 0.3031



0.4897, 0.5380, 0.2737

Previews

White Background



This preview shows how the Yxy color 32.8995, 0.2540, 0.2525 looks on a white background.

Color Contrast Check

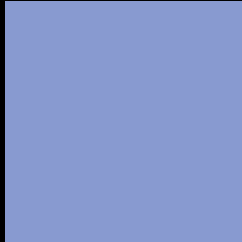
Large Text (above 18pt) WCAG AA × Fail

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 32.8995, 0.2540, 0.2525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

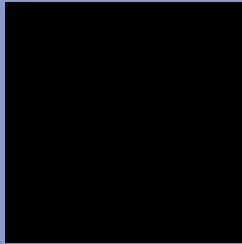
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.8995, 0.2540, 0.2525

Background



This preview shows how black text looks on a background with the Yxy color 32.8995, 0.2540, 0.2525.



This preview shows how white text looks on a background with the Yxy color 32.8995, 0.2540, 0.2525.

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

32.8995, 0.2540, 0.2525

Protanopia

32.8629, 0.2576, 0.2529

Deuteranopia

32.9120, 0.2569, 0.2517



Tritanopia

32.7479, 0.2735, 0.3087

Trichromacy



Original Color

32.8995, 0.2540, 0.2525

Protanomaly

32.7764, 0.2568, 0.2527

Deuteranomaly

32.8255, 0.2561, 0.2515

Tritanomaly

32.8242, 0.2660, 0.2868

Monochromacy



Original Color

32.8995, 0.2540, 0.2525

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.7946, 0.2895, 0.3007

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.8995, 0.2540, 0.2525 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(136, 154, 208)` looks like.

```
.text, #text, p{  
    color:rgb(136, 154, 208)  
}
```

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(136, 154, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 154, 208) }
```

Border

The CSS property to change the border of an element to Yxy 32.8995, 0.2540, 0.2525 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(136, 154, 208) }
```

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

```
.border{ border-color:rgb(136, 154, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 154, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 154, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 154, 208);  
box-shadow:4px 4px 4px 4px rgb(136, 154,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 32.8995, 0.2540, 0.2525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 154, 208) }
```

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

```
.background{ background-color: rgb(136,  
154, 208) }
```

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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