

Converting Colors

$Y_{xy}(32.5860, 0.2567, 0.2502)$

Have a look what the booklet for
Yxy(32.5860, 0.2567, 0.2502)
contains.

Yxy(32.5860, 0.2567, 0.2502)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(32.5860, 0.2567, 0.2502)

Conversions

Conversions Part 1

Format	Color
Hex	8C98D0
RGB	140, 152, 208
RGB Percent	55%, 60%, 82%
CMY	0.4509, 0.4039, 0.1842
CMYK	0.33, 0.27, 0.00, 0.18
HSL	229°, 42%, 68%
HSV	229°, 33%, 82%
XYZ	33.4326, 32.5860, 64.2212
YIQ	154.7960, -25.1280, 14.8720

Conversions

Conversions Part 2

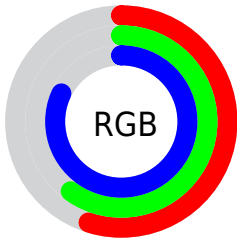
Format	Color
R _Y B	140, 150, 208
Decimal	9214160
CIE Lab	63.82, 8.88, -30.10
CIE LCh	64, 31.382, 286.438
Yxy	32.5860, 0.2567, 0.2502
Android (android.graphics.Color)	4287404240 (0xFF8C98D0)
YUV	154.7960, 26.2296, -12.9761
Hunter-Lab	57.0841, 4.6451, -26.7440

Details

The Yxy color **32.5860, 0.2567, 0.2502** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **54.8084, 0.3659, 0.3970**, and the grayscale version is **32.5755, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.9647, 0.2734, 0.2749**, and **13.6335, 0.2390, 0.2273** is the 20% darker color. If you saturate the color by 10%, you get **25.7808, 0.2372, 0.2210**, and if you desaturate by 10%, it is **40.5391, 0.2754, 0.2773**.

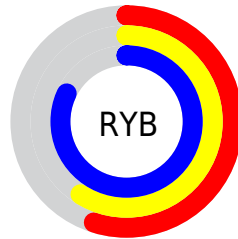
Distribution



Red (55%)

Green (60%)

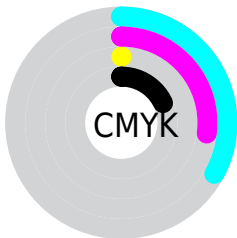
Blue (82%)



Red (55%)

Yellow (59%)

Blue (82%)

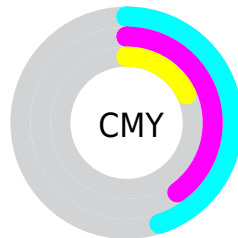


Cyan (33%)

Magenta (27%)

Yellow (0%)

Black (18%)



Cyan (45%)

Magenta (40%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.5860, 0.2567, 0.2502 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 32.5860, 0.2567, 0.2502 by changing the saturation by 10% instead.

■ 32.5860, 0.2567,
0.2502

■ 32.5860, 0.2567,
0.2502

■ 313.7801, 0.2860,
0.2902

■ 21.8095, 0.2491,
0.2402

■ 63.7286, 0.2676,
0.2648

■ 13.7170, 0.2391,
0.2273

■ 84.8635, 0.2716,
0.2703

■ 7.9241, 0.2257,
0.2103

■ 110.2200, 0.2750,
0.2749

■ 4.0464, 0.2068,
0.1871

■ 140.1825, 0.2779,
0.2788

■ 1.6996, 0.1787,
0.1539

■ 175.1353, 0.2803,
0.2823

■ 0.4234, 0.1330,
0.0909

■ 215.4630, 0.2825,

■ 0.0000, 0.0000,

0.2852

0.0000

261.5497, 0.2843,
0.2879

■ 32.5860, 0.2567,
0.2502

■ 32.5860, 0.2567,
0.2502

■ 25.7808, 0.2372,
0.2210

■ 40.5391, 0.2754,
0.2773

■ 20.0661, 0.2175,
0.1905

■ 49.6864, 0.2928,
0.3018

■ 15.3852, 0.1988,
0.1600

■ 60.0761, 0.3087,
0.3236

■ 11.6745, 0.1820,
0.1312

■ 71.7527, 0.3230,
0.3427

■ 8.8632, 0.1684,
0.1060

■ 84.7585, 0.3358,
0.3594

■ 6.8697, 0.1589,
0.0860

■ 97.2217, 0.3406,
0.3749

■ 5.8574, 0.1542,
0.0750

■ 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.



32.5860, 0.2298, 0.2580



32.5860, 0.2567, 0.2502



32.5860, 0.3000, 0.2605

Triad

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



32.5860, 0.2567, 0.2502



32.5860, 0.4113, 0.3604



32.5860, 0.2722, 0.3784

Complementary

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



32.5860, 0.2567, 0.2502



54.8084, 0.3659, 0.3970

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.



32.5860, 0.3191, 0.4122



32.5860, 0.2567, 0.2502



32.5860, 0.4009, 0.3959

Square

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



32.5860, 0.2567, 0.2502



32.5860, 0.3926, 0.3212



32.5860, 0.3664, 0.4170



32.5860, 0.2379, 0.3294

Rectangle

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



32.5860, 0.2567, 0.2502



32.5860, 0.3337, 0.2759



32.5860, 0.3664, 0.4170



32.5860, 0.2870, 0.3923

Sweetspot

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



32.5873, 0.2567, 0.2502



82.8021, 0.2971, 0.3077



54.6686, 0.2737, 0.3456



17.2410, 0.2947, 0.3045



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.



32.5873, 0.2567, 0.2502



44.1584, 0.2436, 0.2306



30.9494, 0.2730, 0.2375



11.7497, 0.2982, 0.3093



3.7495, 0.1547, 0.0768



0.3148, 0.1634, 0.1084

Inverse Universe

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



34.4406, 0.3744, 0.3140



47.9061, 0.3932, 0.3108



57.5211, 0.3439, 0.4150



11.8418, 0.3263, 0.3249



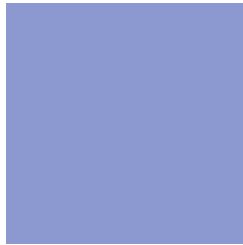
8.4498, 0.6121, 0.3146



0.4831, 0.5634, 0.2878

Previews

White Background



This preview shows how the Yxy color 32.5860, 0.2567, 0.2502 looks on a white background.

Color Contrast Check

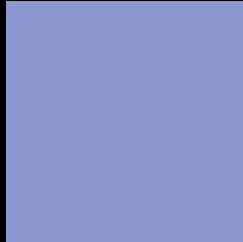
Large Text (above 18pt) WCAG AA × Fail

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 32.5860, 0.2567, 0.2502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

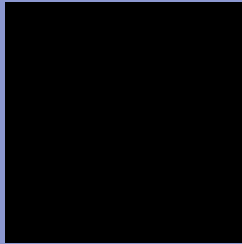
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.5860, 0.2567, 0.2502

Background



This preview shows how black text looks on a background with the Yxy color 32.5860, 0.2567, 0.2502.



This preview shows how white text looks on a background with the Yxy color 32.5860, 0.2567, 0.2502.

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

32.5860, 0.2567, 0.2502

Protanopia

32.4138, 0.2552, 0.2499

Deuteranopia

32.4995, 0.2559, 0.2501



Tritanopia

32.6804, 0.2774, 0.3088

Trichromacy



Original Color

32.5860, 0.2567, 0.2502

Protanomaly

32.4995, 0.2559, 0.2501

Deuteranomaly

32.4995, 0.2559, 0.2501

Tritanomaly

32.4306, 0.2697, 0.2855

Monochromacy



Original Color

32.5860, 0.2567, 0.2502

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.6512, 0.2912, 0.2993

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.5860, 0.2567, 0.2502 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(140, 152, 208)` looks like.

```
.text, #text, p{  
    color:rgb(140, 152, 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(140, 152, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 152, 208) }
```

Border

The CSS property to change the border of an element to Yxy 32.5860, 0.2567, 0.2502 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(140, 152, 208) }
```

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

```
.border{ border-color:rgb(140, 152, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 152, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 152, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 152, 208);  
box-shadow:4px 4px 4px 4px rgb(140, 152,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 32.5860, 0.2567, 0.2502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 152, 208) }
```

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

```
.background{ background-color: rgb(140,  
152, 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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