

Converting Colors

$Y_{xy}(29.3965, 0.2727, 0.3507)$

Have a look what the booklet for
Yxy(29.3965, 0.2727, 0.3507)
contains.

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Color

Yxy(29.2957, 0.2721, 0.3499)

Conversions

Conversions Part 1

Format	Color
Hex	659E92
RGB	101, 158, 146
RGB Percent	40%, 62%, 57%
CMY	0.6039, 0.3804, 0.4274
CMYK	0.36, 0.00, 0.08, 0.38
HSL	167°, 23%, 51%
HSV	167°, 36%, 62%
XYZ	22.7818, 29.2957, 31.6484
YIQ	139.5890, -30.1200, -15.8160

Conversions

Conversions Part 2

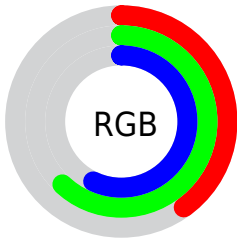
Format	Color
RYB	101, 133, 158
Decimal	6659730
CIELab	61.04, -21.49, 0.35
CIELCh	61, 21.490, 179.074
Yxy	29.2957, 0.2721, 0.3499
Android (android.graphics.Color)	4284849810 (0xFF659E92)
YUV	139.5890, 3.1606, -33.8426
Hunter-Lab	54.1255, -19.5877, 3.2197

Details

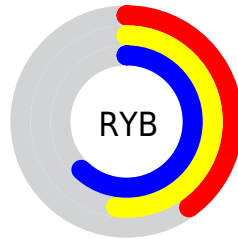
The Yxy color $29.2957, 0.2721, 0.3499$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $17.7690, 0.3786, 0.3095$, and the grayscale version is $26.0546, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.6287, 0.2803, 0.3456$, and $11.8307, 0.2576, 0.3552$ is the 20% darker color. If you saturate the color by 10%, you get $28.3688, 0.2631, 0.3567$, and if you desaturate by 10%, it is $30.4033, 0.2823, 0.3435$.

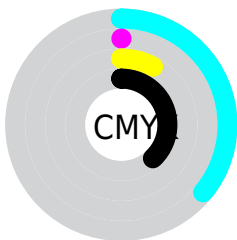
Distribution



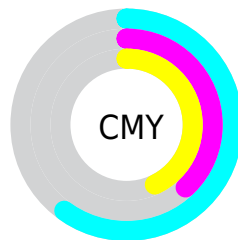
- Red (40%)
- Green (62%)
- Blue (57%)



- Red (40%)
- Yellow (52%)
- Blue (62%)



- Cyan (36%)
- Magenta (0%)
- Yellow (8%)
- Black (38%)





- Cyan (60%)
- Magenta (38%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.2957, 0.2721, 0.3499 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 29.2957, 0.2721, 0.3499 by changing the saturation by 10% instead.


 29.2957, 0.2721,
0.3499


 29.2957, 0.2721,
0.3499


298.6076, 0.2939,
0.3387


 19.3046, 0.2661,
0.3530


 58.5466, 0.2804,
0.3456


 11.8906, 0.2580,
0.3572


 78.5752, 0.2834,
0.3441

 6.6692, 0.2466,
0.3631


 102.7184, 0.2859,
0.3428

 3.2561, 0.2293,
0.3721

 131.3606, 0.2880,
0.3417

 1.2669, 0.1959,
0.3894

164.8862, 0.2898,
0.3408

 0.1153, 0.0000,
0.5324

203.6797, 0.2914,

 0.0000, 0.0000,

0.3400

0.0000

248.1253, 0.2927,
0.3393

■ 29.2957, 0.2721,
0.3499

■ 29.2957, 0.2721,
0.3499

■ 28.3688, 0.2631,
0.3567

■ 30.4033, 0.2823,
0.3435

■ 27.6090, 0.2556,
0.3639

■ 31.6974, 0.2935,
0.3375

■ 27.0062, 0.2498,
0.3713


■ 33.1878, 0.3053,
0.3321


■ 26.5481, 0.2459,
0.3788


■ 34.8826, 0.3176,
0.3271

■ 26.2202, 0.2438,
0.3864

■ 36.7895, 0.3300,
0.3227

 26.0023, 0.2435,
0.3940

 38.9157, 0.3425,
0.3187

 25.9288, 0.2436,
0.3969

 41.2681, 0.3548,
0.3152

 43.8534, 0.3669,
0.3122

 46.6778, 0.3786,
0.3095

Harmonies

Analogous

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



29.2957, 0.3033, 0.3788



29.2957, 0.2721, 0.3499



29.2957, 0.2522, 0.3160

Triad

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



29.2957, 0.2721, 0.3499



29.2957, 0.2848, 0.2731



29.2957, 0.3821, 0.3644

Complementary

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



29.2957, 0.2721, 0.3499



17.7690, 0.3786, 0.3095

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.



29.2957, 0.3771, 0.3364



29.2957, 0.2721, 0.3499



29.2957, 0.3192, 0.2856

Square

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



29.2957, 0.2721, 0.3499



29.2957, 0.2592, 0.2736



29.2957, 0.3536, 0.3082



29.2957, 0.3675, 0.3854

Rectangle

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



29.2957, 0.2721, 0.3499



29.2957, 0.2474, 0.2964



29.2957, 0.3536, 0.3082



29.2957, 0.3827, 0.3555

Sweetspot

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



29.2969, 0.2721, 0.3499



58.8304, 0.2991, 0.3348



28.9284, 0.3193, 0.4310



13.1869, 0.2977, 0.3355



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



29.2969, 0.2721, 0.3499



51.8652, 0.2650, 0.3552



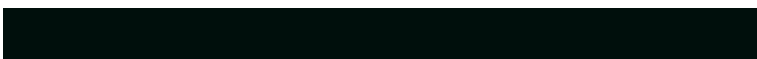
24.5375, 0.2594, 0.3004



7.4856, 0.3015, 0.3337



20.7712, 0.2434, 0.3963



0.3769, 0.2351, 0.3662

Inverse Universe

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



17.7690, 0.3786, 0.3095



27.8847, 0.4000, 0.3053



20.9667, 0.3873, 0.3557



6.6679, 0.3253, 0.3243



5.9159, 0.6001, 0.3079



0.1112, 0.5070, 0.2566

Previews

White Background



This preview shows how the Yxy color 29.2957, 0.2721, 0.3499 looks on a white 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

Black Background



This preview shows how the Yxy color 29.2957, 0.2721, 0.3499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

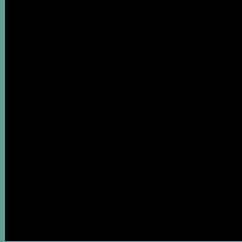
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.2957, 0.2721, 0.3499

Background



This preview shows how black text looks on a background with the Yxy color 29.2957, 0.2721, 0.3499.



This preview shows how white text looks on a background with the Yxy color 29.2957, 0.2721, 0.3499.

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

29.2957, 0.2721, 0.3499

Protanopia

29.0012, 0.3249, 0.3401

Deuteranopia

28.9895, 0.3250, 0.3184



Tritanopia

29.2969, 0.2598, 0.3089

Trichromacy



Original Color

29.2957, 0.2721, 0.3499

Protanomaly

28.7522, 0.3031, 0.3422

Deuteranomaly

28.8069, 0.3036, 0.3290

Tritanomaly

29.2232, 0.2643, 0.3238

Monochromacy



Original Color

29.2957, 0.2721, 0.3499

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

27.2561, 0.2962, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2957, 0.2721, 0.3499 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(101, 158, 146)` looks like.

```
.text, #text, p{  
    color:rgb(101, 158, 146)  
}
```

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(101, 158, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 158, 146) }
```

Border

The CSS property to change the border of an element to Yxy 29.2957, 0.2721, 0.3499 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(101, 158, 146) }
```

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

```
.border{ border-color:rgb(101, 158, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 158, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 158, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 158, 146);  
box-shadow:4px 4px 4px 4px rgb(101, 158,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2957, 0.2721, 0.3499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 158, 146) }
```

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

```
.background{ background-color: rgb(101,  
158, 146) }
```

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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