

Converting Colors

$Y_{xy}(14.3142, 0.2736, 0.3571)$

Have a look what the booklet for
Yxy(14.3142, 0.2736, 0.3571)
contains.

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Color

Yxy(14.2960, 0.2736, 0.3575)

Conversions

Conversions Part 1

Format	Color
Hex	467266
RGB	70, 114, 102
RGB Percent	27%, 45%, 40%
CMY	0.7255, 0.5529, 0.6000
CMYK	0.39, 0.00, 0.11, 0.55
HSL	164°, 24%, 36%
HSV	164°, 39%, 45%
XYZ	10.9409, 14.2960, 14.7519
YIQ	99.4760, -22.3720, -13.0600

Conversions

Conversions Part 2

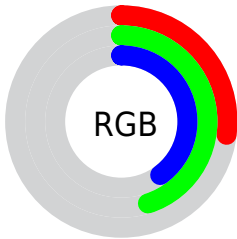
Format	Color
R_{YB}	70, 95, 114
Decimal	4616806
CIE _{Lab}	44.65, -18.22, 1.86
CIE _{LCh}	45, 18.311, 174.183
Yxy	14.2960, 0.2736, 0.3575
Android (android.graphics.Color)	4282806886 (0xFF467266)
YUV	99.4760, 1.2443, -25.8505
Hunter-Lab	37.8101, -14.5158, 3.3346

Details

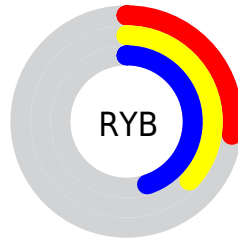
The Yxy color **14.2960, 0.2736, 0.3575** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8.5669, 0.3765, 0.3028**, and the grayscale version is **12.6049, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.5654, 0.2830, 0.3501**, and **4.3317, 0.2546, 0.3743** is the 20% darker color. If you saturate the color by 10%, you get **13.8516, 0.2656, 0.3663**, and if you desaturate by 10%, it is **14.8244, 0.2827, 0.3492**.

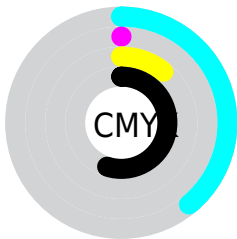
Distribution



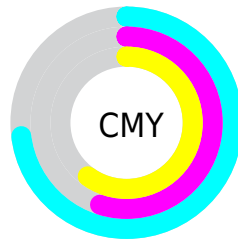
- Red (27%)
- Green (45%)
- Blue (40%)



- Red (27%)
- Yellow (37%)
- Blue (45%)



- Cyan (39%)
- Magenta (0%)
- Yellow (11%)
- Black (55%)




- Cyan (73%)
- Magenta (55%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.2960, 0.2736, 0.3575 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 14.2960, 0.2736, 0.3575 by changing the saturation by 10% instead.


 14.2960, 0.2736,
0.3575


 14.2960, 0.2736,
0.3575


219.0646, 0.2970,
0.3403


 8.3268, 0.2659,
0.3633


 33.6133, 0.2833,
0.3503


 4.3048, 0.2544,
0.3720

 47.7303, 0.2866,
0.3479


 1.8455, 0.2354,
0.3865

 65.3319, 0.2892,
0.3460

 0.5153, 0.0454,
0.5196

 86.8026, 0.2913,
0.3445

 0.0000, 0.0000,
0.0000

 112.5269, 0.2931,
0.3432

142.8890, 0.2946,

0.3421

178.2735, 0.2959,
0.3411

■ 14.2960, 0.2736,
0.3575

■ 14.2960, 0.2736,
0.3575

■ 13.8516, 0.2656,
0.3663

■ 14.8244, 0.2827,
0.3492

■ 13.4848, 0.2590,
0.3755

■ 15.4393, 0.2927,
0.3416

■ 13.1911, 0.2539,
0.3851

■ 16.1452, 0.3033,
0.3345

■ 12.9650, 0.2506,
0.3948

■ 16.9458, 0.3143,
0.3281

■ 12.7999, 0.2491,
0.4046

■ 17.8446, 0.3254,
0.3224

■ 12.6753, 0.2489,
0.4144

■ 18.8449, 0.3366,
0.3172

■ 12.6583, 0.2488,
0.4158

■ 19.9498, 0.3476,
0.3127

■ 21.1624, 0.3585,
0.3086

■ 22.4856, 0.3689,
0.3051

Harmonies

Analogous

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



14.2960, 0.3086, 0.3869



14.2960, 0.2736, 0.3575



14.2960, 0.2499, 0.3205

Triad

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



14.2960, 0.2736, 0.3575



14.2960, 0.2772, 0.2679



14.2960, 0.3885, 0.3623

Complementary

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



14.2960, 0.2736, 0.3575



8.5669, 0.3765, 0.3028

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.



14.2960, 0.3796, 0.3316



14.2960, 0.2736, 0.3575



14.2960, 0.3133, 0.2793

Square

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



14.2960, 0.2736, 0.3575



14.2960, 0.2519, 0.2708



14.2960, 0.3513, 0.3020



14.2960, 0.3757, 0.3870

Rectangle

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



14.2960, 0.2736, 0.3575



14.2960, 0.2429, 0.2983



14.2960, 0.3513, 0.3020



14.2960, 0.3880, 0.3524

Sweetspot

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



14.2966, 0.2736, 0.3575



27.8912, 0.2993, 0.3371



14.2923, 0.3232, 0.4341



6.4240, 0.2983, 0.3377



58.7016, 0.3127, 0.3290



6.8385, 0.3127, 0.3290

Same Dimension

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



14.2966, 0.2736, 0.3575



24.4420, 0.2667, 0.3650



12.5122, 0.2585, 0.3063



3.8004, 0.3029, 0.3348



14.0874, 0.2490, 0.4163



70.0254, 0.2505, 0.4217

Inverse Universe

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



8.5669, 0.3765, 0.3028



12.8943, 0.3980, 0.2970



9.6888, 0.3934, 0.3503



3.4151, 0.3236, 0.3233



4.0905, 0.5764, 0.2949



20.2490, 0.5899, 0.3024

Previews

White Background



This preview shows how the Yxy color 14.2960, 0.2736, 0.3575 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 14.2960, 0.2736, 0.3575 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 14.2960, 0.2736, 0.3575

Background



This preview shows how black text looks on a background with the Yxy color 14.2960, 0.2736, 0.3575.



This preview shows how white text looks on a background with the Yxy color 14.2960, 0.2736, 0.3575.

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

14.2960, 0.2736, 0.3575

Protanopia

14.2174, 0.3291, 0.3461

Deuteranopia

14.1675, 0.3275, 0.3229



Tritanopia

14.2208, 0.2599, 0.3086

Trichromacy



Original Color

14.2960, 0.2736, 0.3575

Protanomaly

14.0589, 0.3064, 0.3492

Deuteranomaly

13.9602, 0.3056, 0.3334

Tritanomaly

14.1971, 0.2650, 0.3266

Monochromacy



Original Color

14.2960, 0.2736, 0.3575

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

12.8954, 0.2958, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.2960, 0.2736, 0.3575 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(70, 114, 102)` looks like.

```
.text, #text, p{  
  color:rgb(70, 114, 102)  
}
```

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(70, 114, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 114, 102) }
```

Border

The CSS property to change the border of an element to Yxy 14.2960, 0.2736, 0.3575 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(70, 114, 102) }
```

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

```
.border{ border-color:rgb(70, 114, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 114, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 114, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 114, 102);  
box-shadow:4px 4px 4px 4px rgb(70, 114,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 14.2960, 0.2736, 0.3575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 114, 102) }
```

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

```
.background{ background-color: rgb(70, 114,  
102) }
```

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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