

Converting Colors

$Y_{xy}(11.4681, 0.2675, 0.3691)$

Have a look what the booklet for
Yxy(11.4681, 0.2675, 0.3691)
contains.

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Color

Yxy(11.4062, 0.2678, 0.3692)

Conversions

Conversions Part 1

Format	Color
Hex	366859
RGB	54, 104, 89
RGB Percent	21%, 41%, 35%
CMY	0.7883, 0.5921, 0.6510
CMYK	0.48, 0.00, 0.14, 0.59
HSL	162°, 32%, 31%
HSV	162°, 48%, 41%
XYZ	8.2735, 11.4062, 11.2147
YIQ	87.3400, -24.9850, -15.2650

Conversions

Conversions Part 2

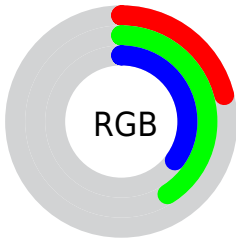
Format	Color
RYB	54, 83, 104
Decimal	3565657
CIELab	40.26, -20.89, 3.24
CIELCh	40, 21.143, 171.175
Yxy	11.4062, 0.2678, 0.3692
Android (android.graphics.Color)	4281755737 (0xFF366859)
YUV	87.3400, 0.8184, -29.2392
Hunter-Lab	33.7731, -15.3751, 3.9534

Details

The Yxy color **11.4062, 0.2678, 0.3692** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6.0092, 0.3957, 0.2935**, and the grayscale version is **9.6092, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.2498, 0.2794, 0.3573**, and **3.0102, 0.2413, 0.3887** is the 20% darker color. If you saturate the color by 10%, you get **11.0978, 0.2613, 0.3793**, and if you desaturate by 10%, it is **11.7793, 0.2756, 0.3596**.

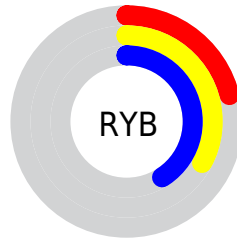
Distribution



Red (21%)

Green (41%)

Blue (35%)



Red (21%)

Yellow (33%)

Blue (41%)

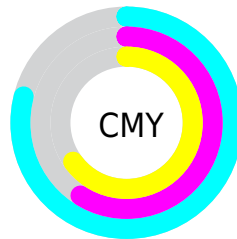


Cyan (48%)

Magenta (0%)

Yellow (14%)

Black (59%)



Cyan (79%)

Magenta (59%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.4062, 0.2678, 0.3692 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 11.4062, 0.2678, 0.3692 by changing the saturation by 10% instead.

■ 11.4062, 0.2678,
0.3692

■ 11.4062, 0.2678,
0.3692

■ 200.4335, 0.2956,
0.3441

■ 6.3407, 0.2580,
0.3783

■ 28.4089, 0.2797,
0.3583

■ 3.0534, 0.2427,
0.3928

■ 41.1149, 0.2835,
0.3548

■ 1.1597, 0.2078,
0.4234

■ 57.1366, 0.2866,
0.3521

■ 0.0284, 0.0000,
1.0000

■ 76.8583, 0.2891,
0.3499

■ 0.0000, 0.0000,
0.0000

■ 100.6645, 0.2911,
0.3480

■ 128.9395, 0.2928,

0.3465

162.0677, 0.2943,
0.3452

■ 11.4062, 0.2678,
0.3692

■ 11.4062, 0.2678,
0.3692

■ 11.0978, 0.2613,
0.3793

■ 11.7793, 0.2756,
0.3596

■ 10.8488, 0.2563,
0.3898

■ 12.2193, 0.2844,
0.3506

■ 10.6551, 0.2531,
0.4005

■ 12.7301, 0.2940,
0.3423

■ 10.5117, 0.2515,
0.4112

■ 13.3149, 0.3042,
0.3347

■ 10.4008, 0.2512,
0.4221

■ 13.9765, 0.3147,
0.3277

■ 10.3802, 0.2512,
0.4241

■ 14.7178, 0.3254,
0.3215

■ 15.5414, 0.3360,
0.3159

■ 16.4497, 0.3466,
0.3110

■ 17.4453, 0.3568,
0.3066

Harmonies

Analogous

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



11.4062, 0.3116, 0.4048



11.4062, 0.2678, 0.3692



11.4062, 0.2374, 0.3222

Triad

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



11.4062, 0.2678, 0.3692



11.4062, 0.2648, 0.2538



11.4062, 0.4072, 0.3652

Complementary

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



11.4062, 0.2678, 0.3692



6.0092, 0.3957, 0.2935

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.



11.4062, 0.3936, 0.3275



11.4062, 0.2678, 0.3692



11.4062, 0.3082, 0.2662

Square

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



11.4062, 0.2678, 0.3692



11.4062, 0.2360, 0.2586



11.4062, 0.3562, 0.2924



11.4062, 0.3933, 0.3976

Rectangle

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



11.4062, 0.2678, 0.3692



11.4062, 0.2278, 0.2938



11.4062, 0.3562, 0.2924



11.4062, 0.4058, 0.3528

Sweetspot

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



11.4067, 0.2678, 0.3692



22.6961, 0.2978, 0.3394



11.4634, 0.3269, 0.4610



5.4975, 0.2961, 0.3407



55.4222, 0.3127, 0.3290



5.9254, 0.3127, 0.3290

Same Dimension

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



11.4067, 0.2678, 0.3692



19.3942, 0.2605, 0.3809



9.9378, 0.2482, 0.3046



3.1719, 0.3034, 0.3353



12.7883, 0.2515, 0.4253



66.5383, 0.2532, 0.4316

Inverse Universe

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



6.0092, 0.3957, 0.2935



8.6497, 0.4279, 0.2863



6.7811, 0.4227, 0.3512



2.8587, 0.3230, 0.3228



3.7460, 0.5657, 0.2890



19.3986, 0.5804, 0.2971

Previews

White Background



This preview shows how the Yxy color 11.4062, 0.2678, 0.3692 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 11.4062, 0.2678, 0.3692 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 11.4062, 0.2678, 0.3692

Background



This preview shows how black text looks on a background with the Yxy color 11.4062, 0.2678, 0.3692.



This preview shows how white text looks on a background with the Yxy color 11.4062, 0.2678, 0.3692.

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

11.4062, 0.2678, 0.3692

Protanopia

11.2981, 0.3354, 0.3525

Deuteranopia

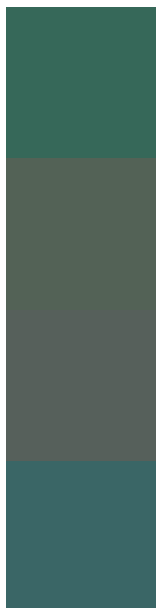
11.2581, 0.3338, 0.3268



Tritanopia

11.3721, 0.2519, 0.3088

Trichromacy



Original Color

11.4062, 0.2678, 0.3692

Protanomaly

11.2463, 0.3069, 0.3590

Deuteranomaly

11.0995, 0.3046, 0.3412

Tritanomaly

11.3616, 0.2574, 0.3288

Monochromacy



Original Color

11.4062, 0.2678, 0.3692

Achromatopsia

9.5307, 0.3127, 0.3290

Achromatomaly

10.0291, 0.2925, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.4062, 0.2678, 0.3692 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(54, 104, 89)` looks like.

```
.text, #text, p{  
  color:rgb(54, 104, 89)  
}
```

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(54, 104, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 104, 89) }
```

Border

The CSS property to change the border of an element to Yxy 11.4062, 0.2678, 0.3692 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(54, 104, 89) }
```

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

```
.border{ border-color:rgb(54, 104, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 104, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 104, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 104, 89);  
box-shadow:4px 4px 4px 4px rgb(54, 104,  
89) }
```


Background

The CSS property to change the background color of an element to Yxy 11.4062, 0.2678, 0.3692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 104, 89) }
```

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

```
.background{ background-color: rgb(54, 104,  
89) }
```

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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