

Converting Colors

$Yxy(11.1289, 0.2268, 0.2983)$

Have a look what the booklet for
Yxy(11.1289, 0.2268, 0.2983)
contains.

Yxy(11.0247, 0.2265, 0.2978)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(11.0247, 0.2265, 0.2978)

Conversions

Conversions Part 1

Format	Color
Hex	206672
RGB	32, 102, 114
RGB Percent	13%, 40%, 45%
CMY	0.8745, 0.6000, 0.5529
CMYK	0.72, 0.11, 0.00, 0.55
HSL	189°, 56%, 29%
HSV	189°, 72%, 45%
XYZ	8.3851, 11.0247, 17.6106
YIQ	82.4380, -45.5720, -11.1080

Conversions

Conversions Part 2

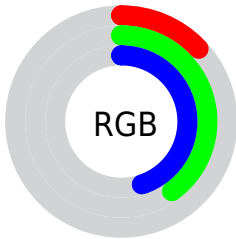
Format	Color
R_{YB}	32, 70, 114
Decimal	2123378
CIE Lab	39.62, -17.17, -13.07
CIE LCh	40, 21.575, 217.282
Yxy	11.0247, 0.2265, 0.2978
Android (android.graphics.Color)	4280313458 (0xFF206672)
YUV	82.4380, 15.5601, -44.2341
Hunter-Lab	33.2035, -13.0280, -8.2041




Details

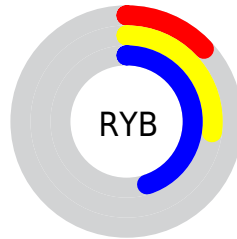
The Yxy color **11.0247, 0.2265, 0.2978** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5.4863, 0.5199, 0.3519**, and the grayscale version is **8.5061, 0.3127, 0.3290**.




A 20% lighter version of the original color is **27.6595, 0.2480, 0.3063**, and **3.1257, 0.2115, 0.2814** is the 20% darker color. If you saturate the color by 10%, you get **10.5479, 0.2201, 0.2928**, and if you desaturate by 10%, it is **11.5722, 0.2346, 0.3027**.

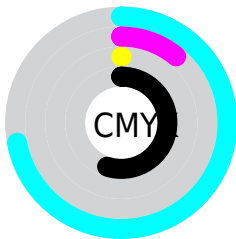
Distribution







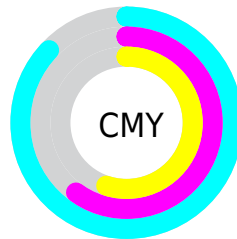
-  Red (13%)
-  Green (40%)
-  Blue (45%)






-  Red (13%)
-  Yellow (27%)
-  Blue (45%)



-  Cyan (72%)
-  Magenta (11%)
-  Yellow (0%)
-  Black (55%)




-  Cyan (87%)
-  Magenta (60%)
-  Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0247, 0.2265, 0.2978 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 11.0247, 0.2265, 0.2978 by changing the saturation by 10% instead.


 11.0247, 0.2265,
0.2978


 11.0247, 0.2265,
0.2978


 197.8369, 0.2783,
0.3182


 6.0835, 0.2095,
0.2899

 27.7058, 0.2480,
0.3069


 2.8959, 0.1846,
0.2771


 40.2145, 0.2552,
0.3098

 1.0776, 0.1405,
0.2551

 56.0144, 0.2610,
0.3120

 0.0000, 0.0000,
0.0000

 75.4900, 0.2657,
0.3137

 99.0257, 0.2697,
0.3152

 127.0058, 0.2730,

0.3164

159.8147, 0.2758,
0.3174

■ 11.0247, 0.2265,
0.2978

■ 11.0247, 0.2265,
0.2978

■ 10.5479, 0.2201,
0.2928

■ 11.5722, 0.2346,
0.3027

■ 10.1336, 0.2154,
0.2879

■ 12.1950, 0.2444,
0.3075

■ 9.8218, 0.2122,
0.2839

■ 12.8989, 0.2556,
0.3122

■ 13.6886, 0.2680,
0.3167

■ 14.5684, 0.2813,
0.3208

■ 15.5424, 0.2954,
0.3248

■ 16.6144, 0.3099,
0.3283

■ 17.7879, 0.3246,
0.3316

■ 19.0664, 0.3393,
0.3346

Harmonies

Analogous

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



11.0247, 0.2474, 0.3445



11.0247, 0.2265, 0.2978



11.0247, 0.2266, 0.2651

Triad

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



11.0247, 0.2265, 0.2978



11.0247, 0.3349, 0.2774



11.0247, 0.3781, 0.4117

Complementary

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



11.0247, 0.2265, 0.2978



5.4863, 0.5199, 0.3519

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.



11.0247, 0.4058, 0.3854



11.0247, 0.2265, 0.2978



11.0247, 0.3807, 0.3099

Square

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



11.0247, 0.2265, 0.2978



11.0247, 0.2859, 0.2565



11.0247, 0.4074, 0.3483



11.0247, 0.3339, 0.4156

Rectangle

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



11.0247, 0.2265, 0.2978



11.0247, 0.2383, 0.2539



11.0247, 0.4074, 0.3483



11.0247, 0.3897, 0.4048

Sweetspot

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



11.0251, 0.2265, 0.2978



25.4888, 0.2804, 0.3206



12.5198, 0.2950, 0.5239



5.8215, 0.2778, 0.3198



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.



11.0251, 0.2265, 0.2978



18.0602, 0.2170, 0.2897



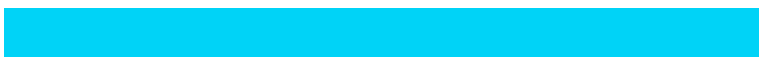
4.9763, 0.1990, 0.1847



3.7360, 0.2996, 0.3258



10.9115, 0.2121, 0.2836



53.3758, 0.2114, 0.2809

Inverse Universe

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



5.5714, 0.3452, 0.1951



8.4041, 0.3538, 0.1809



10.0154, 0.4481, 0.4329



3.4455, 0.3157, 0.3112



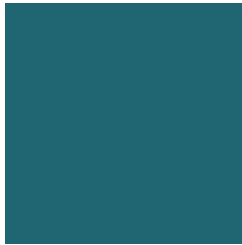
4.9473, 0.3601, 0.1757



24.5461, 0.3626, 0.1771

Previews

White Background



This preview shows how the Yxy color 11.0247, 0.2265, 0.2978 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 11.0247, 0.2265, 0.2978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

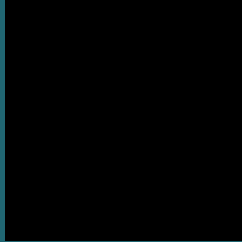
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.0247, 0.2265, 0.2978

Background



This preview shows how black text looks on a background with the Yxy color 11.0247, 0.2265, 0.2978.



This preview shows how white text looks on a background with the Yxy color 11.0247, 0.2265, 0.2978.

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

11.0247, 0.2265, 0.2978

Protanopia

10.8895, 0.2888, 0.2940

Deuteranopia

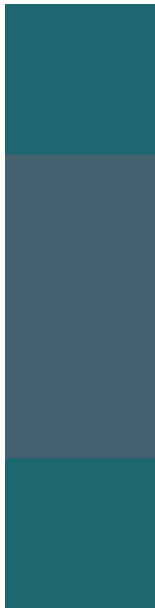
10.9168, 0.2773, 0.2724



Tritanopia

11.1242, 0.2285, 0.3079

Trichromacy



Original Color

11.0247, 0.2265, 0.2978

Protanomaly

10.7567, 0.2587, 0.2944

Deuteranomaly

10.6874, 0.2530, 0.2805

Tritanomaly

11.1617, 0.2282, 0.3054

Monochromacy



Original Color

11.0247, 0.2265, 0.2978

Achromatopsia

8.4376, 0.3127, 0.3290

Achromatomaly

9.0429, 0.2687, 0.3153

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0247, 0.2265, 0.2978 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(32, 102, 114)` looks like.

```
.text, #text, p{  
    color:rgb(32, 102, 114)  
}
```

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(32, 102, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 102, 114) }
```

Border

The CSS property to change the border of an element to Yxy 11.0247, 0.2265, 0.2978 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(32, 102, 114) }
```

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

```
.border{ border-color:rgb(32, 102, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 102, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 102, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 102, 114);  
box-shadow:4px 4px 4px 4px rgb(32, 102,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0247, 0.2265, 0.2978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 102, 114) }
```

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

```
.background{ background-color: rgb(32, 102,  
114) }
```

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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