

Converting Colors

$Y_{xy}(23.9782, 0.3091, 0.3807)$

Have a look what the booklet for
Yxy(23.9782, 0.3091, 0.3807)
contains.

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Color

Yxy(24.0716, 0.3092, 0.3813)

Conversions

Conversions Part 1

Format	Color
Hex	718E72
RGB	113, 142, 114
RGB Percent	44%, 56%, 45%
CMY	0.5569, 0.4431, 0.5529
CMYK	0.20, 0.00, 0.20, 0.44
HSL	122°, 11%, 50%
HSV	122°, 20%, 56%
XYZ	19.5199, 24.0716, 19.5388
YIQ	130.1370, -8.2960, -14.8560

Conversions

Conversions Part 2

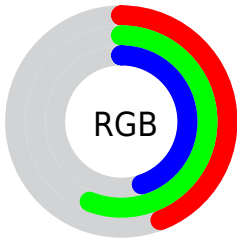
Format	Color
R_{YB}	113, 141, 142
Decimal	7442034
CIE _{Lab}	56.16, -16.04, 11.60
CIE _{LCh}	56, 19.794, 144.109
Yxy	24.0716, 0.3092, 0.3813
Android (android.graphics.Color)	4285632114 (0xFF718E72)
YUV	130.1370, -7.9555, -15.0291
Hunter-Lab	49.0628, -14.8428, 10.7322

Details

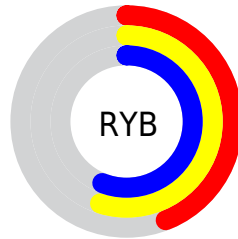
The Yxy color $24.0716, 0.3092, 0.3813$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $19.4828, 0.3162, 0.2817$, and the grayscale version is $22.4052, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.2324, 0.3100, 0.3696$, and $9.1376, 0.3062, 0.4040$ is the 20% darker color. If you saturate the color by 10%, you get $22.9143, 0.3073, 0.4115$, and if you desaturate by 10%, it is $25.4251, 0.3110, 0.3541$.

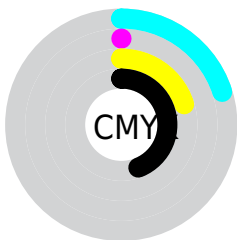
Distribution



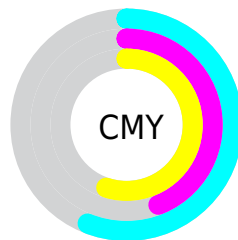
- Red (44%)
- Green (56%)
- Blue (45%)



- Red (44%)
- Yellow (55%)
- Blue (56%)



- Cyan (20%)
- Magenta (0%)
- Yellow (20%)
- Black (44%)





- Cyan (56%)
- Magenta (44%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.0716, 0.3092, 0.3813 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 24.0716, 0.3092, 0.3813 by changing the saturation by 10% instead.


 24.0716, 0.3092,
0.3813


 24.0716, 0.3092,
0.3813


273.1823, 0.3116,
0.3515


 15.3867, 0.3083,
0.3903


 50.1470, 0.3103,
0.3694

 9.0913, 0.3069,
0.4031


 68.3064, 0.3106,
0.3652

 4.8008, 0.3044,
0.4225

 90.3927, 0.3109,
0.3619

 2.1308, 0.2994,
0.4555

 116.7903, 0.3111,
0.3591

 0.6819, 0.2735,
0.7265

147.8837, 0.3112,
0.3567

 0.0000, 0.0000,
0.0000

184.0572, 0.3114,

0.3547

225.6953, 0.3115,
0.3530

■ 24.0716, 0.3092,
0.3813

■ 24.0716, 0.3092,
0.3813

■ 22.9143, 0.3073,
0.4115

■ 25.4251, 0.3110,
0.3541

■ 21.9411, 0.3054,
0.4442

■ 26.9801, 0.3126,
0.3300

■ 21.1436, 0.3036,
0.4780

■ 28.7454, 0.3142,
0.3089

■ 20.5113, 0.3019,
0.5114

■ 30.7285, 0.3155,
0.2907

■ 20.0325, 0.3007,
0.5421

■ 32.9364, 0.3167,
0.2750

■ 19.6943, 0.2998,
0.5675

■ 35.3759, 0.3178,
0.2615

■ 19.4813, 0.2995,
0.5859

■ 38.0534, 0.3188,
0.2498

■ 19.3581, 0.2992,
0.5970

■ 40.9751, 0.3197,
0.2398

■ 44.1471, 0.3204,
0.2311

Harmonies

Analogous

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



24.0716, 0.3433, 0.3909



24.0716, 0.3092, 0.3813



24.0716, 0.2772, 0.3549

Triad

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



24.0716, 0.3092, 0.3813



24.0716, 0.2572, 0.2759



24.0716, 0.3733, 0.3316

Complementary

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



24.0716, 0.3092, 0.3813



19.4828, 0.3162, 0.2817

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.



24.0716, 0.3478, 0.3044



24.0716, 0.3092, 0.3813



24.0716, 0.2803, 0.2731

Square

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



24.0716, 0.3092, 0.3813



24.0716, 0.2484, 0.2929



24.0716, 0.3133, 0.2834



24.0716, 0.3815, 0.3596

Rectangle

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



24.0716, 0.3092, 0.3813



24.0716, 0.2612, 0.3327



24.0716, 0.3133, 0.2834



24.0716, 0.3664, 0.3221

Sweetspot

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



24.0726, 0.3092, 0.3813



45.9678, 0.3117, 0.3433



26.2054, 0.3413, 0.3782



10.2340, 0.3116, 0.3446



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



24.0726, 0.3092, 0.3813



41.3657, 0.3082, 0.3963



24.4284, 0.2955, 0.3537



6.0322, 0.3112, 0.3509



17.3802, 0.2991, 0.5968



0.1667, 0.2949, 0.5816

Inverse Universe

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



19.4828, 0.3162, 0.2817



31.6093, 0.3172, 0.2698



19.0801, 0.3341, 0.3056



5.5078, 0.3142, 0.3080



6.7866, 0.3296, 0.1589



0.0655, 0.3249, 0.1563

Previews

White Background



This preview shows how the Yxy color 24.0716, 0.3092, 0.3813 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 24.0716, 0.3092, 0.3813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

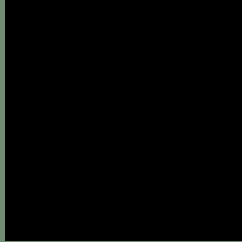
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.0716, 0.3092, 0.3813

Background



This preview shows how black text looks on a background with the Yxy color 24.0716, 0.3092, 0.3813.



This preview shows how white text looks on a background with the Yxy color 24.0716, 0.3092, 0.3813.

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

24.0716, 0.3092, 0.3813

Protanopia

23.9268, 0.3482, 0.3703

Deuteranopia

23.8549, 0.3566, 0.3488



Tritanopia

23.9514, 0.2832, 0.3097

Trichromacy



Original Color

24.0716, 0.3092, 0.3813

Protanomaly

23.8643, 0.3331, 0.3754

Deuteranomaly

23.8001, 0.3379, 0.3603

Tritanomaly

24.0247, 0.2924, 0.3343

Monochromacy



Original Color

24.0716, 0.3092, 0.3813

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

22.7905, 0.3119, 0.3471

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0716, 0.3092, 0.3813 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(113, 142, 114)` looks like.

```
.text, #text, p{  
    color:rgb(113, 142, 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(113, 142, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 142, 114) }
```

Border

The CSS property to change the border of an element to Yxy 24.0716, 0.3092, 0.3813 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(113, 142, 114) }
```

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

```
.border{ border-color:rgb(113, 142, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 142, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 142, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 142, 114);  
box-shadow:4px 4px 4px 4px rgb(113, 142,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0716, 0.3092, 0.3813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 142, 114) }
```

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

```
.background{ background-color: rgb(113,  
142, 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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