

Converting Colors

$Y_{xy}(22.1983, 0.3733, 0.3365)$

Have a look what the booklet for
Yxy(22.1983, 0.3733, 0.3365)
contains.

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Color

Yxy(22.1128, 0.3732, 0.3356)

Conversions

Conversions Part 1

Format	Color
Hex	A27773
RGB	162, 119, 115
RGB Percent	64%, 47%, 45%
CMY	0.3647, 0.5333, 0.5491
CMYK	0.00, 0.27, 0.29, 0.36
HSL	5°, 20%, 54%
HSV	5°, 29%, 64%
XYZ	24.5903, 22.1128, 19.1873
YIQ	131.4010, 26.9120, 7.8720

Conversions

Conversions Part 2

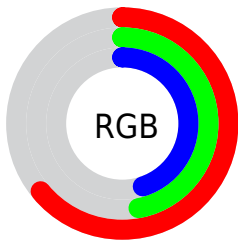
Format	Color
R_{YB}	162, 119, 115
Decimal	10647411
CIE _{Lab}	54.15, 16.24, 8.81
CIE _{LCh}	54, 18.481, 28.485
Yxy	22.1128, 0.3732, 0.3356
Android (android.graphics.Color)	4288837491 (0xFFA27773)
YUV	131.4010, -8.0857, 26.8353
Hunter-Lab	47.0242, 11.0501, 8.7249

Details

The Yxy color **22.1128, 0.3732, 0.3356** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.6974, 0.2710, 0.3223**, and the grayscale version is **22.8703, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.8213, 0.3598, 0.3339**, and **8.0368, 0.3978, 0.3362** is the 20% darker color. If you saturate the color by 10%, you get **18.5174, 0.4036, 0.3380**, and if you desaturate by 10%, it is **26.3255, 0.3482, 0.3332**.

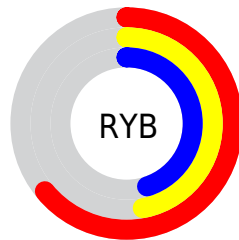
Distribution



Red (64%)

Green (47%)

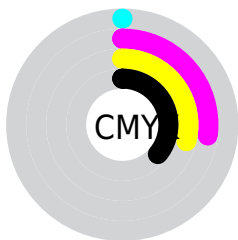
Blue (45%)



Red (64%)

Yellow (47%)

Blue (45%)

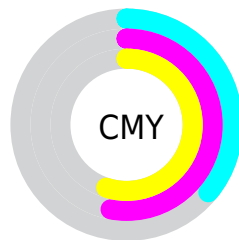


Cyan (0%)

Magenta (27%)

Yellow (29%)

Black (36%)



Cyan (36%)


Magenta (53%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.1128, 0.3732, 0.3356 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 22.1128, 0.3732, 0.3356 by changing the saturation by 10% instead.


 22.1128, 0.3732,
0.3356

 22.1128, 0.3732,
0.3356


263.1348, 0.3389,
0.3326


 13.9398, 0.3834,
0.3362


 46.9324, 0.3596,
0.3346

 8.0788, 0.3977,
0.3367


 64.3477, 0.3549,
0.3342

 4.1454, 0.4192,
0.3370

 85.6126, 0.3510,
0.3338

 1.7552, 0.4546,
0.3359

111.1116, 0.3478,
0.3335

 0.4590, 0.6447,
0.3553


141.2288, 0.3450,
0.3332


 0.0000, 0.0000,
0.0000


176.3489, 0.3427,


0.3330


216.8560, 0.3407,
0.3328


 22.1128, 0.3732,
0.3356


 22.1128, 0.3732,
0.3356

 18.5174, 0.4036,
0.3380


 26.3255, 0.3482,
0.3332


 15.5072, 0.4397,
0.3401


 31.1792, 0.3278,
0.3309


 13.0524, 0.4812,
0.3417


 36.7003, 0.3112,
0.3288


 11.1187, 0.5258,
0.3423


 42.9128, 0.2977,
0.3269


 9.6684, 0.5693,
0.3414


 49.8395, 0.2867,
0.3251


 8.6588, 0.6056,
0.3389

 57.5019, 0.2776,
0.3235

 8.0349, 0.6306,
0.3359

 65.9210, 0.2700,
0.3221

 7.9912, 0.6327,
0.3358

 75.1167, 0.2637,
0.3208

 84.7302, 0.2610,
0.3259

Harmonies

Analogous

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



22.1128, 0.3507, 0.3089



22.1128, 0.3732, 0.3356



22.1128, 0.3783, 0.3622

Triad

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



22.1128, 0.3732, 0.3356



22.1128, 0.3046, 0.3763



22.1128, 0.2617, 0.2767

Complementary

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



22.1128, 0.3732, 0.3356



30.6974, 0.2710, 0.3223

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.



22.1128, 0.2511, 0.2912



22.1128, 0.3732, 0.3356



22.1128, 0.2748, 0.3494

Square

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



22.1128, 0.3732, 0.3356



22.1128, 0.3376, 0.3882



22.1128, 0.2557, 0.3175



22.1128, 0.2858, 0.2758

Rectangle

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



22.1128, 0.3732, 0.3356



22.1128, 0.3713, 0.3766



22.1128, 0.2557, 0.3175



22.1128, 0.2565, 0.2800

Sweetspot

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



22.1138, 0.3732, 0.3356



56.4641, 0.3281, 0.3310



22.4105, 0.3205, 0.2640



12.3895, 0.3307, 0.3313



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



22.1138, 0.3732, 0.3356



35.6868, 0.3928, 0.3372



28.3862, 0.3632, 0.3718



7.1789, 0.3283, 0.3310



6.3252, 0.6318, 0.3365



0.1603, 0.5974, 0.3638

Inverse Universe

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



30.6974, 0.2710, 0.3223



53.9153, 0.2625, 0.3205



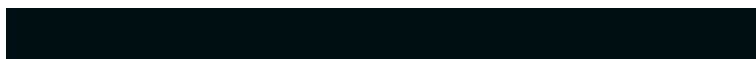
23.4615, 0.2668, 0.2820



7.9071, 0.2988, 0.3270



18.8072, 0.2174, 0.3025



0.4234, 0.2202, 0.3129

Previews

White Background



This preview shows how the Yxy color 22.1128, 0.3732, 0.3356 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 22.1128, 0.3732, 0.3356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

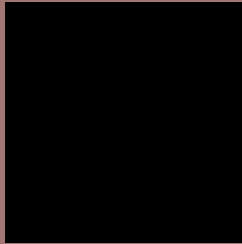
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.1128, 0.3732, 0.3356

Background



This preview shows how black text looks on a background with the Yxy color 22.1128, 0.3732, 0.3356.



This preview shows how white text looks on a background with the Yxy color 22.1128, 0.3732, 0.3356.

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

22.1128, 0.3732, 0.3356

Protanopia

22.1249, 0.3286, 0.3450

Deuteranopia

22.1780, 0.3541, 0.3478



Tritanopia

22.0155, 0.3609, 0.3149

Trichromacy



Original Color

22.1128, 0.3732, 0.3356

Protanomaly

21.9045, 0.3443, 0.3411

Deuteranomaly

22.1531, 0.3612, 0.3441

Tritanomaly

22.1485, 0.3658, 0.3228

Monochromacy



Original Color

22.1128, 0.3732, 0.3356

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

22.4102, 0.3330, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.1128, 0.3732, 0.3356 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(162, 119, 115)` looks like.

```
.text, #text, p{  
    color:rgb(162, 119, 115)  
}
```

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(162, 119, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 119, 115) }
```

Border

The CSS property to change the border of an element to Yxy 22.1128, 0.3732, 0.3356 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(162, 119, 115) }
```

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

```
.border{ border-color:rgb(162, 119, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 119, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 119, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 119, 115);  
box-shadow:4px 4px 4px 4px rgb(162, 119,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 22.1128, 0.3732, 0.3356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 119, 115) }
```

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

```
.background{ background-color: rgb(162,  
119, 115) }
```

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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