

Converting Colors

$Y_{xy}(20.9132, 0.3646, 0.3318)$

Have a look what the booklet for
Yxy(20.9132, 0.3646, 0.3318)
contains.

Yxy(20.9289, 0.3649, 0.3325)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(20.9289, 0.3649, 0.3325)

Conversions

Conversions Part 1

Format	Color
Hex	9B7573
RGB	155, 117, 115
RGB Percent	61%, 46%, 45%
CMY	0.3923, 0.5411, 0.5490
CMYK	0.00, 0.24, 0.26, 0.39
HSL	3°, 17%, 53%
HSV	3°, 26%, 61%
XYZ	22.9683, 20.9289, 19.0469
YIQ	128.1340, 23.2900, 7.4340

Conversions

Conversions Part 2

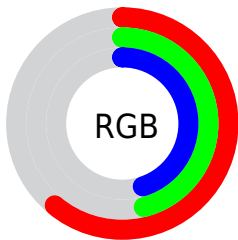
Format	Color
R_YB	155, 117, 115
Decimal	10188147
CIE _{Lab}	52.87, 14.57, 6.89
CIE _{LCh}	53, 16.121, 25.303
Yxy	20.9289, 0.3649, 0.3325
Android (android.graphics.Color)	4288378227 (0xFF9B7573)
YUV	128.1340, -6.4751, 23.5615
Hunter-Lab	45.7481, 9.5585, 7.3387

Details

The Yxy color $20.9289, 0.3649, 0.3325$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $28.7737, 0.2756, 0.3255$, and the grayscale version is $21.6519, 0.3127, 0.3290$.

A 20% lighter version of the original color is $44.8676, 0.3528, 0.3316$, and $7.5451, 0.3867, 0.3341$ is the 20% darker color. If you saturate the color by 10%, you get $17.4388, 0.3939, 0.3340$, and if you desaturate by 10%, it is $25.0198, 0.3412, 0.3311$.

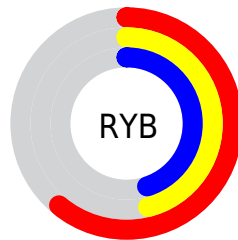
Distribution



Red (61%)

Green (46%)

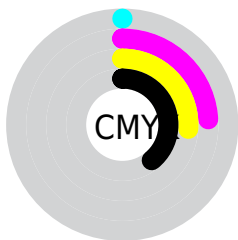
Blue (45%)



Red (61%)

Yellow (46%)

Blue (45%)

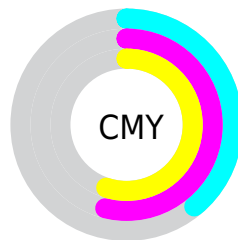


Cyan (0%)

Magenta (24%)

Yellow (26%)

Black (39%)



Cyan (39%)


Magenta (54%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.9289, 0.3649, 0.3325 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 20.9289, 0.3649, 0.3325 by changing the saturation by 10% instead.


 20.9289, 0.3649,
0.3325


 20.9289, 0.3649,
0.3325


256.9004, 0.3351,
0.3310

 13.0720, 0.3739,
0.3327


 44.9692, 0.3530,
0.3321


 7.4782, 0.3866,
0.3328


 61.9214, 0.3489,
0.3318

 3.7629, 0.4059,
0.3326

 82.6742, 0.3455,
0.3317

 1.5418, 0.4385,
0.3310

 107.6119, 0.3427,
0.3315

 0.3179, 0.6742,
0.3258

137.1190, 0.3404,
0.3314

 0.0000, 0.0000,
0.0000

171.5798, 0.3384,

0.3312

211.3789, 0.3366,
0.3311

■ 20.9289, 0.3649,
0.3325

■ 20.9289, 0.3649,
0.3325

■ 17.4388, 0.3939,
0.3340

■ 25.0198, 0.3412,
0.3311

■ 14.5185, 0.4288,
0.3353

■ 29.7347, 0.3221,
0.3297

■ 12.1385, 0.4696,
0.3364


■ 35.0994, 0.3066,
0.3285


■ 10.2657, 0.5145,
0.3370


■ 41.1372, 0.2940,
0.3274

■ 8.8634, 0.5597,
0.3367


■ 47.8703, 0.2837,
0.3264

 7.8896, 0.5991,
0.3355


 55.3199, 0.2753,
0.3254

 7.2946, 0.6266,
0.3335

 63.5062, 0.2683,
0.3246

 7.1356, 0.6356,
0.3336

 72.4487, 0.2625,
0.3239

 82.1662, 0.2576,
0.3232

Harmonies

Analogous

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



20.9289, 0.3437, 0.3088



20.9289, 0.3649, 0.3325



20.9289, 0.3713, 0.3565

Triad

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



20.9289, 0.3649, 0.3325



20.9289, 0.3088, 0.3726



20.9289, 0.2656, 0.2832

Complementary

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



20.9289, 0.3649, 0.3325



28.7737, 0.2756, 0.3255

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.



20.9289, 0.2574, 0.2976



20.9289, 0.3649, 0.3325



20.9289, 0.2815, 0.3500

Square

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



20.9289, 0.3649, 0.3325



20.9289, 0.3380, 0.3815



20.9289, 0.2630, 0.3219



20.9289, 0.2861, 0.2810

Rectangle

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



20.9289, 0.3649, 0.3325



20.9289, 0.3662, 0.3698



20.9289, 0.2630, 0.3219



20.9289, 0.2614, 0.2867

Sweetspot

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



20.9299, 0.3649, 0.3325



51.1779, 0.3263, 0.3300



21.5244, 0.3179, 0.2696



11.3032, 0.3289, 0.3302



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



20.9299, 0.3649, 0.3325



33.7385, 0.3810, 0.3334



26.0884, 0.3571, 0.3647



6.2704, 0.3282, 0.3302



5.7514, 0.6350, 0.3340



0.0977, 0.6114, 0.3527

Inverse Universe

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



28.7737, 0.2756, 0.3255



50.2471, 0.2681, 0.3246



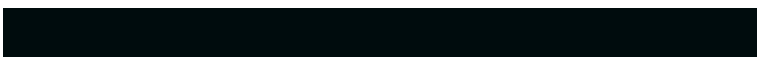
22.7801, 0.2725, 0.2905



6.9729, 0.2989, 0.3278



18.7165, 0.2204, 0.3135



0.2939, 0.2225, 0.3208

Previews

White Background



This preview shows how the Yxy color 20.9289, 0.3649, 0.3325 looks on a white background.

Color Contrast Check

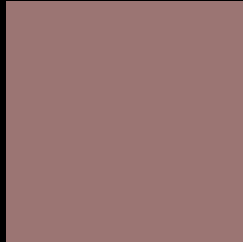
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.9289, 0.3649, 0.3325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

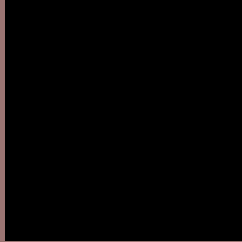
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.9289, 0.3649, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 20.9289, 0.3649, 0.3325.



This preview shows how white text looks on a background with the Yxy color 20.9289, 0.3649, 0.3325.

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

20.9289, 0.3649, 0.3325

Protanopia

21.0236, 0.3243, 0.3399

Deuteranopia

20.9736, 0.3488, 0.3430



Tritanopia

21.0139, 0.3549, 0.3161

Trichromacy



Original Color

20.9289, 0.3649, 0.3325

Protanomaly

20.9629, 0.3385, 0.3379

Deuteranomaly

20.8509, 0.3546, 0.3394

Tritanomaly

20.9392, 0.3588, 0.3209

Monochromacy



Original Color

20.9289, 0.3649, 0.3325

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

21.2486, 0.3310, 0.3308

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.9289, 0.3649, 0.3325 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(155, 117, 115)` looks like.

```
.text, #text, p{  
    color:rgb(155, 117, 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(155, 117, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 117, 115) }
```

Border

The CSS property to change the border of an element to Yxy 20.9289, 0.3649, 0.3325 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(155, 117, 115) }
```

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

```
.border{ border-color:rgb(155, 117, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 117, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 117, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 117, 115);  
box-shadow:4px 4px 4px 4px rgb(155, 117,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 20.9289, 0.3649, 0.3325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 117, 115) }
```

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

```
.background{ background-color: rgb(155,  
117, 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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