

Converting Colors

$Y_{xy}(25.7953, 0.5001, 0.3509)$

Have a look what the booklet for
Yxy(25.7953, 0.5001, 0.3509)
contains.

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Color

Yxy(25.7999, 0.4992, 0.3509)

Conversions

Conversions Part 1

Format	Color
Hex	DF6652
RGB	223, 102, 82
RGB Percent	87%, 40%, 32%
CMY	0.1255, 0.5999, 0.6786
CMYK	0.00, 0.54, 0.63, 0.13
HSL	9°, 69%, 60%
HSV	9°, 63%, 87%
XYZ	36.7036, 25.7999, 11.0214
YIQ	135.8990, 78.5360, 19.4320

Conversions

Conversions Part 2

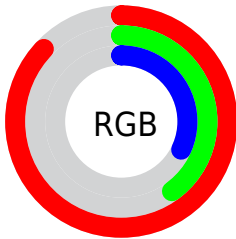
Format	Color
R_{YB}	223, 105, 82
Decimal	14640722
CIE _{Lab}	57.85, 45.80, 34.11
CIE _{LCh}	58, 57.109, 36.679
Yxy	25.7999, 0.4992, 0.3509
Android (android.graphics.Color)	4292830802 (0xFFDF6652)
YUV	135.8990, -26.5722, 76.3876
Hunter-Lab	50.7936, 40.0960, 22.6906

Details

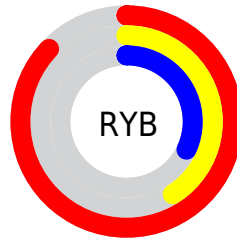
The Yxy color **25.7999, 0.4992, 0.3509** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **49.8073, 0.2306, 0.3012**, and the grayscale version is **24.6607, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.7029, 0.4346, 0.3543**, and **10.0054, 0.5614, 0.3443** is the 20% darker color. If you saturate the color by 10%, you get **22.1787, 0.5430, 0.3509**, and if you desaturate by 10%, it is **30.4017, 0.4567, 0.3489**.

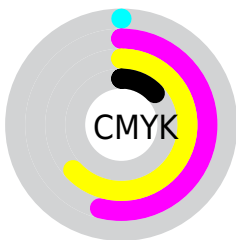
Distribution



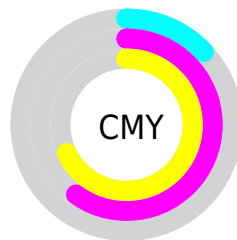
- Red (87%)
- Green (40%)
- Blue (32%)



- Red (87%)
- Yellow (41%)
- Blue (32%)



- Cyan (0%)
- Magenta (54%)
- Yellow (63%)
- Black (13%)





- Cyan (13%)
- Magenta (60%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7999, 0.4992, 0.3509 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 25.7999, 0.4992, 0.3509 by changing the saturation by 10% instead.


 25.7999, 0.4992,
0.3509


 25.7999, 0.4992,
0.3509


281.7984, 0.3974,
0.3463


 16.6740, 0.5263,
0.3489

 52.9520, 0.4607,
0.3513

 10.0023, 0.5612,
0.3440


 71.7469, 0.4466,
0.3508

 5.4005, 0.6070,
0.3331

 94.5337, 0.4349,
0.3501

 2.4841, 0.6832,
0.3168

 121.6966, 0.4250,
0.3493

 0.8687, 0.7417,
0.2583

 153.6202, 0.4166,
0.3485

 0.0000, 1.0000,
0.0000

190.6888, 0.4093,

 0.0000, 0.0000,

0.3478

0.0000

233.2867, 0.4030,
0.3470

■ 25.7999, 0.4992,
0.3509

■ 25.7999, 0.4992,
0.3509

■ 22.1787, 0.5430,
0.3509

■ 30.4017, 0.4567,
0.3489

■ 19.4622, 0.5833,
0.3483

■ 36.0443, 0.4186,
0.3456

■ 17.5701, 0.6141,
0.3432

■ 42.7879, 0.3859,
0.3418

■ 16.7039, 0.6284,
0.3393

■ 50.6869, 0.3587,
0.3378

■ 59.7922, 0.3362,
0.3338

70.1514, 0.3179,
0.3301

81.8099, 0.3029,
0.3267

94.4271, 0.2935,
0.3289

Harmonies

Analogous

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



25.7999, 0.4465, 0.2872



25.7999, 0.4992, 0.3509



25.7999, 0.4888, 0.4186

Triad

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



25.7999, 0.4992, 0.3509



25.7999, 0.2565, 0.4631



25.7999, 0.1908, 0.1887

Complementary

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



25.7999, 0.4992, 0.3509



49.8073, 0.2306, 0.3012

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.



25.7999, 0.1579, 0.2072



25.7999, 0.4992, 0.3509



25.7999, 0.1887, 0.3577

Square

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



25.7999, 0.4992, 0.3509



25.7999, 0.3447, 0.5096



25.7999, 0.1563, 0.2621



25.7999, 0.2566, 0.1989

Rectangle

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



25.7999, 0.4992, 0.3509



25.7999, 0.4531, 0.4622



25.7999, 0.1563, 0.2621



25.7999, 0.1763, 0.1914

Sweetspot

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



25.8013, 0.4992, 0.3509



73.5516, 0.3489, 0.3361



26.0856, 0.3402, 0.2000



15.0060, 0.3557, 0.3373



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



25.8013, 0.4992, 0.3509



28.7019, 0.5571, 0.3504



45.5293, 0.4376, 0.4279



14.0132, 0.3289, 0.3324



9.9200, 0.6265, 0.3407



0.7889, 0.6013, 0.3607

Inverse Universe

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



49.8073, 0.2306, 0.3012



63.4044, 0.2210, 0.2945



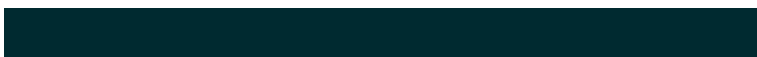
24.0810, 0.2064, 0.1966



15.2228, 0.2982, 0.3256



25.2464, 0.2121, 0.2835



1.8422, 0.2142, 0.2912

Previews

White Background



This preview shows how the Yxy color 25.7999, 0.4992, 0.3509 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 25.7999, 0.4992, 0.3509 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 25.7999, 0.4992, 0.3509

Background



This preview shows how black text looks on a background with the Yxy color 25.7999, 0.4992, 0.3509.



This preview shows how white text looks on a background with the Yxy color 25.7999, 0.4992, 0.3509.

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

25.7999, 0.4992, 0.3509

Protanopia

25.8891, 0.3721, 0.3996

Deuteranopia

25.9548, 0.4211, 0.4127



Tritanopia

25.7909, 0.4725, 0.3228

Trichromacy



Original Color

25.7999, 0.4992, 0.3509

Protanomaly

25.0242, 0.4177, 0.3804

Deuteranomaly

25.4163, 0.4512, 0.3878

Tritanomaly

25.8247, 0.4827, 0.3328

Monochromacy



Original Color

25.7999, 0.4992, 0.3509

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.0011, 0.3772, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7999, 0.4992, 0.3509 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(223, 102, 82)` looks like.

```
.text, #text, p{  
    color:rgb(223, 102, 82)  
}
```

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(223, 102, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 102, 82) }
```

Border

The CSS property to change the border of an element to Yxy 25.7999, 0.4992, 0.3509 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(223, 102, 82) }
```

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

```
.border{ border-color:rgb(223, 102, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 102, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 102, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 102, 82);  
box-shadow:4px 4px 4px 4px rgb(223, 102,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7999, 0.4992, 0.3509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 102, 82) }
```

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

```
.background{ background-color: rgb(223,  
102, 82) }
```

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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