Converting Colors

Yxy(25.7090, 0.5323, 0.3932)

Have a look what the booklet for Yxy(25.7090, 0.5323, 0.3932) contains.

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Color

Yxy(25.7090, 0.5323, 0.3932)

Conversions

Conversions Part 1

Format	Color
Hex	DB6B25
RGB	219, 107, 37
RGB Percent	86%, 42%, 15%
CMY	0.1412, 0.5804, 0.8552
CMYK	0.00, 0.51, 0.83, 0.14
HSL	23°, 72%, 50%
HSV	23°, 83%, 86%
XYZ	34.8039, 25.7090, 4.8711
YIQ	132.5080, 89.2220, 1.9740

Conversions

Conversions Part 2

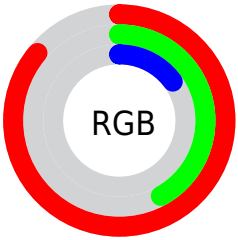
Format	Color
RYB	219, 151, 37
Decimal	14379813
CIELab	57.76, 39.78, 56.17
CIELCh	58, 68.833, 54.694
Yxy	25.7090, 0.5323, 0.3932
Android (android.graphics.Color)	4292569893 (0xFFDB6B25)
YUV	132.5080, -47.0854, 75.8535
Hunter-Lab	50.7040, 33.7927, 29.7969

Details

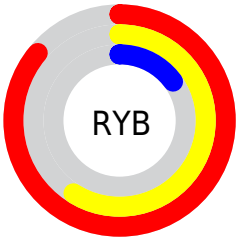
The Yxy color 25.7090, 0.5323, 0.3932 is a dark color, and the websafe version is hex CC6600. The color can be described as dark washed orange. A complement of this color would be 26.9711, 0.1987, 0.2207, and the grayscale version is 23.4154, 0.3127, 0.3290.

A 20% lighter version of the original color is 47.1062, 0.4707, 0.3990, and 9.9964, 0.5794, 0.3781 is the 20% darker color. If you saturate the color by 10%, you get 23.0184, 0.5597, 0.3874, and if you desaturate by 10%, it is 28.9223, 0.5006, 0.3938.

Distribution

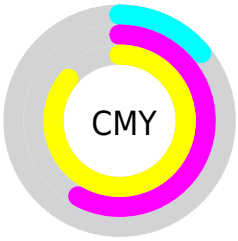


- Red (86%)
- Green (42%)
- Blue (15%)



- Red (86%)
- Yellow (59%)
- Blue (15%)

- Cyan (0%)
- Magenta (51%)
- Yellow (83%)
- Black (14%)



- Cyan (14%)
- Magenta (58%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.7090, 0.5323, 0.3932 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 25.7090, 0.5323, 0.3932 by changing the saturation by 10% instead.

25.7090, 0.5323, 0.3932

281.3506, 0.4180, 0.3731

52.8051, 0.4916, 0.3903

71.5671, 0.4759, 0.3878

94.3175, 0.4625, 0.3851

121.4409, 0.4510, 0.3824

153.3214, 0.4411, 0.3799

190.3436, 0.4324,

25.7090, 0.5323, 0.3932

16.6061, 0.5585, 0.3917

9.9540, 0.5899, 0.3859

5.3685, 0.6279, 0.3721

2.4650, 0.6624, 0.3376

0.8591, 0.7179, 0.2821

0.0000, 1.0000, 0.0000

0.0000, 0.0000,

0.3775

0.0000

232.8919, 0.4248, 0.3752

25.7090, 0.5323, 0.3932

25.7090, 0.5323, 0.3932

23.0184, 0.5597, 0.3874

28.9223, 0.5006, 0.3938

21.4480, 0.5757, 0.3810

32.6858, 0.4675, 0.3898

37.0292, 0.4352, 0.3824

41.9787, 0.4053, 0.3731

47.5584, 0.3786, 0.3627

53.7911, 0.3552, 0.3521

60.6984, 0.3349, 0.3418

68.3006, 0.3176, 0.3320

76.6173, 0.3028, 0.3228

Harmonies

Analogous

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

25.7090, 0.5198, 0.3191

25.7090, 0.5323, 0.3932

25.7090, 0.4768, 0.4727

Triad

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

25.7090, 0.5323, 0.3932

25.7090, 0.1918, 0.4180

25.7090, 0.2108, 0.1710

Complementary

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

25.7090, 0.5323, 0.3932

26.9711, 0.1987, 0.2207

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.

25.7090, 0.1526, 0.1706

25.7090, 0.5323, 0.3932

25.7090, 0.1408, 0.2857

Square

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

25.7090, 0.5323, 0.3932

25.7090, 0.2816, 0.5309

25.7090, 0.1299, 0.2041

25.7090, 0.3090, 0.1995

Rectangle

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

25.7090, 0.5323, 0.3932

25.7090, 0.4179, 0.5208

25.7090, 0.1299, 0.2041

25.7090, 0.1870, 0.1676

Sweetspot

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

25.7104, 0.5323, 0.3932

74.0373, 0.3597, 0.3543

18.5542, 0.4199, 0.2206

15.1715, 0.3679, 0.3580

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.

25.7104, 0.5323, 0.3932

30.0260, 0.5772, 0.3799

55.4697, 0.4321, 0.4824

13.8692, 0.3282, 0.3381

12.9147, 0.5731, 0.3832

1.0005, 0.5427, 0.4073

Inverse Universe

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

26.9711, 0.1987, 0.2207

31.2786, 0.1875, 0.1950

8.5483, 0.1647, 0.0934

13.9439, 0.2982, 0.3198

13.4749, 0.1884, 0.1983

1.0380, 0.1950, 0.2219

Previews

White Background

This preview shows how the Yxy color 25.7090, 0.5323, 0.3932 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 25.7090, 0.5323, 0.3932 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 25.7090, 0.5323, 0.3932

Background

This preview shows how black text looks on a background with the Yxy color 25.7090, 0.5323, 0.3932.

This preview shows how white text looks on a background with the Yxy color 25.7090, 0.5323, 0.3932.

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
25.7090, 0.5323, 0.3932

Protanopia
26.0135, 0.4220, 0.4659

Deuteranopia
25.8072, 0.4644, 0.4550

Tritanopia
25.7055, 0.4670, 0.3215

Trichromacy

Original Color
25.7090, 0.5323, 0.3932

Protanomaly
25.1892, 0.4643, 0.4376

Deuteranomaly
25.4661, 0.4914, 0.4307

Tritanomaly
25.6818, 0.4964, 0.3523

Monochromacy

Original Color
25.7090, 0.5323, 0.3932

Achromatopsia
23.4551, 0.3127, 0.3290

Achromatomaly
23.1897, 0.3947, 0.3702

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7090, 0.5323, 0.3932 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(219, 107, 37) looks like.

```
.text, #text, p{
    color:rgb(219, 107, 37)
}
```

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(219, 107, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 107, 37) }
```

Border

The CSS property to change the border of an element to Yxy 25.7090, 0.5323, 0.3932 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(219, 107, 37) }
```

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

```
.border{ border-color:rgb(219, 107, 37) }
```

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

Here you see how a box with a 4 pixel rgb(219, 107, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 107, 37); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 107, 37); box-shadow:4px 4px 4px 4px rgb(219, 107, 37) }
```

Background

The CSS property to change the background color of an element to Yxy 25.7090, 0.5323, 0.3932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(219, 107, 37) }
```

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

```
.background{ background-color:rgb(219, 107, 37) }
```

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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