

# Converting Colors

$Yxy(26.0741, 0.5774, 0.3736)$

Have a look what the booklet for  
Yxy(26.0741, 0.5774, 0.3736)  
contains.

<b>Yxy(26.0625, 0.5773, 0.3734)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

**Color**

**Yxy(26.0625, 0.5773, 0.3734)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F25911
RGB	242, 89, 17
RGB Percent	95%, 35%, 7%
CMY	0.0510, 0.6510, 0.9329
CMYK	0.00, 0.63, 0.93, 0.05
HSL	19°, 90%, 51%
HSV	19°, 93%, 95%
XYZ	40.2943, 26.0625, 3.4410
YIQ	126.5390, 114.3000, 10.0440

# Conversions

## Conversions Part 2

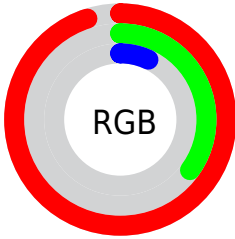
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	242, 123, 17
Decimal	15882513
CIE Lab	58.10, 56.23, 64.52
CIE LCh	58, 85.584, 48.927
Yxy	26.0625, 0.5773, 0.3734
Android (android.graphics.Color)	4294072593 (0xFFFF25911)
YUV	126.5390, -54.0027, 101.2593
Hunter-Lab	51.0514, 51.5478, 31.7397

# Details

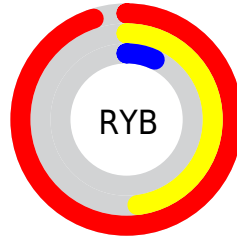
The Yxy color **26.0625, 0.5773, 0.3734** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed red. A complement of this color would be **35.3208, 0.1975, 0.2276**, and the grayscale version is **21.2204, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.6876, 0.4959, 0.3944**, and **10.1776, 0.6242, 0.3426** is the 20% darker color. If you saturate the color by 10%, you get **24.2379, 0.5942, 0.3664**, and if you desaturate by 10%, it is **29.2386, 0.5477, 0.3802**.

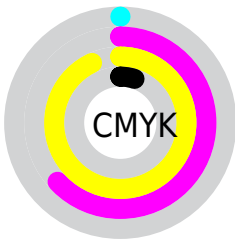
# Distribution



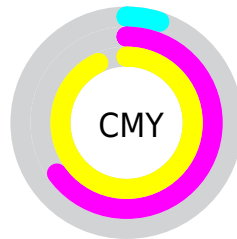
- Red (95%)
- Green (35%)
- Blue (7%)



- Red (95%)
- Yellow (48%)
- Blue (7%)



- Cyan (0%)
- Magenta (63%)
- Yellow (93%)
- Black (5%)



- Cyan (5%)
- Magenta (65%)
- Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 26.0625, 0.5773, 0.3734 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 26.0625, 0.5773, 0.3734 by changing the saturation by 10% instead.





 26.0625, 0.5773,  
0.3734


 26.0625, 0.5773,  
0.3734

283.0888, 0.4434,  
0.3708


 16.8704, 0.6057,  
0.3656


 53.3758, 0.5313,  
0.3786

 10.1421, 0.6432,  
0.3539


 72.2657, 0.5129,  
0.3787


 5.4933, 0.6741,  
0.3259

 95.1571, 0.4971,  
0.3780

 2.5395, 0.7153,  
0.2847

 122.4342, 0.4834,  
0.3768

 0.8964, 0.7768,  
0.2232

 154.4816, 0.4714,  
0.3754

 0.0000, 1.0000,  
0.0000

 191.6835, 0.4609,

 0.0000, 0.0000,


0.3739

0.0000


 234.4244, 0.4516,  
0.3724

 26.0625, 0.5773,  
0.3734

 26.0625, 0.5773,  
0.3734


 24.2379, 0.5942,  
0.3664

 29.2386, 0.5477,  
0.3802

 33.1673, 0.5129,  
0.3819

 37.9012, 0.4764,  
0.3793

 43.4859, 0.4411,  
0.3735

 49.9632, 0.4088,  
0.3658

■ 57.3721, 0.3804,  
0.3571

■ 65.7488, 0.3558,  
0.3482

■ 75.1277, 0.3350,  
0.3395

■ 85.5415, 0.3173,  
0.3313

# Harmonies

## Analogous

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



26.0625, 0.5515, 0.2946



26.0625, 0.5773, 0.3734



26.0625, 0.5142, 0.4654

# Triad

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



26.0625, 0.5773, 0.3734



26.0625, 0.1811, 0.4760



26.0625, 0.1752, 0.1435

# Complementary

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



26.0625, 0.5773, 0.3734



35.3208, 0.1975, 0.2276

# 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.



26.0625, 0.1198, 0.1477



26.0625, 0.5773, 0.3734



26.0625, 0.1177, 0.2977

# Square

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



26.0625, 0.5773, 0.3734



26.0625, 0.2885, 0.5974



26.0625, 0.1014, 0.1907



26.0625, 0.2796, 0.1694



# Rectangle

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



26.0625, 0.5773, 0.3734



26.0625, 0.4454, 0.5322



26.0625, 0.1014, 0.1907



26.0625, 0.1519, 0.1414

# Sweetspot

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



26.0640, 0.5773, 0.3734



69.0519, 0.3680, 0.3528



22.2147, 0.4136, 0.2081



13.9299, 0.3790, 0.3566



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.



26.0640, 0.5773, 0.3734



27.2225, 0.5946, 0.3661



60.5875, 0.4520, 0.4758



16.5837, 0.3285, 0.3366



13.2377, 0.5912, 0.3688



1.2741, 0.5656, 0.3891

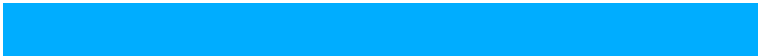


# Inverse Universe

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



35.3208, 0.1975, 0.2276



37.2913, 0.1941, 0.2188



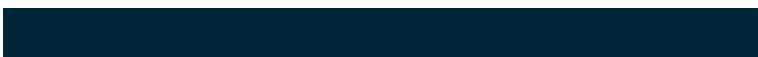
9.5910, 0.1584, 0.0854



17.0272, 0.2981, 0.3213



18.0872, 0.1948, 0.2211



1.6833, 0.1992, 0.2370



# Previews

## White Background



This preview shows how the Yxy color 26.0625, 0.5773, 0.3734 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 26.0625, 0.5773, 0.3734 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 26.0625, 0.5773, 0.3734**

## Background



This preview shows how black text looks on a background with the Yxy color 26.0625, 0.5773, 0.3734.



This preview shows how white text looks on a background with the Yxy color 26.0625, 0.5773, 0.3734.

# 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

26.0625, 0.5773, 0.3734

### Protanopia

26.1242, 0.4319, 0.4755

### Deuteranopia

26.1222, 0.4712, 0.4641



## Tritanopia

26.1242, 0.5248, 0.3252

# Trichromacy



**Original Color**

26.0625, 0.5773, 0.3734

**Protanomaly**

24.5681, 0.4930, 0.4324

**Deuteranomaly**

25.1532, 0.5162, 0.4259

**Tritanomaly**

25.8995, 0.5524, 0.3482

# Monochromacy



**Original Color**

26.0625, 0.5773, 0.3734

**Achromatopsia**

21.2231, 0.3127, 0.3290

**Achromatomaly**

20.9334, 0.4230, 0.3691

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 26.0625, 0.5773, 0.3734 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(242, 89, 17)` looks like.

```
.text, #text, p{  
    color:rgb(242, 89, 17)  
}
```

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(242, 89, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 89, 17) }
```

## Border

The CSS property to change the border of an element to Yxy 26.0625, 0.5773, 0.3734 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(242, 89, 17) }
```

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

```
.border{ border-color:rgb(242, 89, 17) }
```

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

Here you see how a box with a 4 pixel rgb(242, 89, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 89, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 89, 17);  
box-shadow:4px 4px 4px 4px rgb(242, 89,  
17) }
```



# Background

The CSS property to change the background color of an element to Yxy 26.0625, 0.5773, 0.3734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 89, 17) }
```

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

```
.background{ background-color: rgb(242, 89,  
17) }
```

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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