

Converting Colors

$Yxy(65.4576, 0.4362, 0.4532)$

Have a look what the booklet for
Yxy(65.4576, 0.4362, 0.4532)
contains.

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Color

Yxy(65.4576, 0.4362, 0.4532)

Conversions

Conversions Part 1

Format	Color
Hex	FACF4B
RGB	250, 207, 75
RGB Percent	98%, 81%, 29%
CMY	0.0197, 0.1882, 0.7058
CMYK	0.00, 0.17, 0.70, 0.02
HSL	45°, 95%, 64%
HSV	45°, 70%, 98%
XYZ	63.0022, 65.4576, 15.9744
YIQ	204.8090, 68.0000, -31.9360

Conversions

Conversions Part 2

Format	Color
RYB	132, 250, 75
Decimal	16437067
CIELab	84.72, 1.82, 68.17
CIELCh	85, 68.194, 88.469
Yxy	65.4576, 0.4362, 0.4532
Android (android.graphics.Color)	4294627147 (0xFFFACF4B)
YUV	204.8090, -63.9958, 39.6325
Hunter-Lab	80.9059, -2.5855, 44.9276

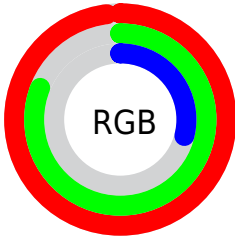
Details

The Yxy color **65.4576, 0.4362, 0.4532** is a light color, and the websafe version is hex **FFCC33**.

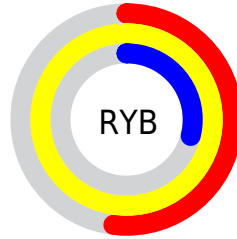
The color can be described as light washed yellow. A complement of this color would be **21.3522, 0.1887, 0.1513**, and the grayscale version is **61.3071, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3917, 0.3850, 0.4484**, and **33.7362, 0.4581, 0.4734** is the 20% darker color. If you saturate the color by 10%, you get **62.2656, 0.4509, 0.4614**, and if you desaturate by 10%, it is **68.9060, 0.4192, 0.4407**.

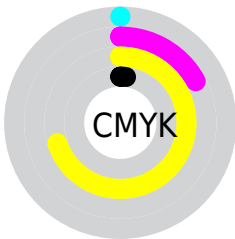
Distribution



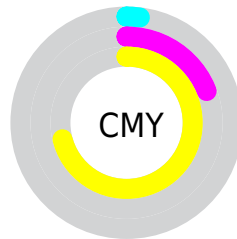
- Red (98%)
- Green (81%)
- Blue (29%)



- Red (52%)
- Yellow (98%)
- Blue (29%)



- Cyan (0%)
- Magenta (17%)
- Yellow (70%)
- Black (2%)




- Cyan (2%)
- Magenta (19%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.4576, 0.4362, 0.4532 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 65.4576, 0.4362, 0.4532 by changing the saturation by 10% instead.

 65.4576, 0.4362,
0.4532

 65.4576, 0.4362,
0.4532


444.4346, 0.3829,
0.4001

 47.8322, 0.4464,
0.4631


 112.7075, 0.4191,
0.4364

 33.6940, 0.4576,
0.4739


 143.1008, 0.4120,
0.4293


 22.6587, 0.4695,
0.4852


 178.5189, 0.4057,
0.4230

 14.3417, 0.4819,
0.4965

 219.3461, 0.4001,
0.4174

 8.3587, 0.4935,
0.5065

 265.9669, 0.3951,
0.4124

 4.3253, 0.4950,
0.5050

318.7656, 0.3906,

 1.8571, 0.4976,

0.4079

378.1267, 0.3865,
0.4038

0.5024

■ 0.5224, 0.5087,
0.4913

■ 0.0000, 0.0000,
0.0000

■ 65.4576, 0.4362,
0.4532

■ 65.4576, 0.4362,
0.4532

■ 62.2656, 0.4509,
0.4614

■ 68.9060, 0.4192,
0.4407

■ 59.3024, 0.4627,
0.4647


■ 72.6167, 0.4008,
0.4248

■ 56.5422, 0.4717,
0.4636


■ 76.6063, 0.3819,
0.4066

■ 56.5388, 0.4717,
0.4636

■ 80.8871, 0.3632,
0.3871

 85.4703, 0.3452,
0.3673

 90.3666, 0.3283,
0.3477

 95.5856, 0.3127,
0.3290

 99.0600, 0.3096,
0.3290

Harmonies

Analogous

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



65.4576, 0.4770, 0.3960



65.4576, 0.4362, 0.4532



65.4576, 0.3656, 0.4859

Triad

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



65.4576, 0.4362, 0.4532



65.4576, 0.1774, 0.2915



65.4576, 0.3228, 0.2330

Complementary

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



65.4576, 0.4362, 0.4532



21.3522, 0.1887, 0.1513

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.



65.4576, 0.2443, 0.2070



65.4576, 0.4362, 0.4532



65.4576, 0.1700, 0.2313

Square

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



65.4576, 0.4362, 0.4532



65.4576, 0.2170, 0.3811



65.4576, 0.1924, 0.2050



65.4576, 0.4094, 0.2781

Rectangle

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



65.4576, 0.4362, 0.4532



65.4576, 0.3119, 0.4776



65.4576, 0.1924, 0.2050



65.4576, 0.2944, 0.2219

Sweetspot

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



65.4608, 0.4362, 0.4532



88.9128, 0.3470, 0.3693



26.6819, 0.4914, 0.2898



18.7424, 0.3519, 0.3748



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.



65.4608, 0.4362, 0.4532



63.8464, 0.4561, 0.4634



82.0225, 0.3757, 0.5055



19.4262, 0.3275, 0.3468



30.2336, 0.4707, 0.4645



2.9658, 0.4632, 0.4704

Inverse Universe

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



21.3522, 0.1887, 0.1513



15.5869, 0.1698, 0.1155



15.8416, 0.2022, 0.1171



17.3353, 0.2979, 0.3106



5.6418, 0.1577, 0.0877



0.6816, 0.1638, 0.1095

Previews

White Background



This preview shows how the Yxy color 65.4576, 0.4362, 0.4532 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 65.4576, 0.4362, 0.4532 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 ✓ Pass

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

Yxy 65.4576, 0.4362, 0.4532

Background



This preview shows how black text looks on a background with the Yxy color 65.4576, 0.4362, 0.4532.



This preview shows how white text looks on a background with the Yxy color 65.4576, 0.4362, 0.4532.

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

65.4576, 0.4362, 0.4532

Protanopia

65.4416, 0.4209, 0.4634

Deuteranopia

65.3038, 0.4177, 0.4138



Tritanopia

65.3433, 0.3503, 0.3158

Trichromacy



Original Color

65.4576, 0.4362, 0.4532

Protanomaly

65.3158, 0.4264, 0.4593

Deuteranomaly

65.0477, 0.4258, 0.4291

Tritanomaly

64.7293, 0.3870, 0.3711

Monochromacy



Original Color

65.4576, 0.4362, 0.4532

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.9834, 0.3600, 0.3843

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.4576, 0.4362, 0.4532 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(250, 207, 75)` looks like.

```
.text, #text, p{  
    color:rgb(250, 207, 75)  
}
```

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(250, 207, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 207, 75) }
```

Border

The CSS property to change the border of an element to Yxy 65.4576, 0.4362, 0.4532 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(250, 207, 75) }
```

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

```
.border{ border-color:rgb(250, 207, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 207, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 207, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 207, 75);  
box-shadow:4px 4px 4px 4px rgb(250, 207,  
75) }
```


Background

The CSS property to change the background color of an element to Yxy 65.4576, 0.4362, 0.4532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 207, 75) }
```

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

```
.background{ background-color: rgb(250,  
207, 75) }
```

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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