

Converting Colors

$Y_{xy}(32.8017, 0.3175, 0.2076)$

Have a look what the booklet for
Yxy(32.8017, 0.3175, 0.2076)
contains.

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Color

Yxy(32.6524, 0.3174, 0.2072)

Conversions

Conversions Part 1

Format	Color
Hex	E06FE1
RGB	224, 111, 225
RGB Percent	88%, 44%, 88%
CMY	0.1216, 0.5647, 0.1175
CMYK	0.00, 0.51, 0.00, 0.12
HSL	299°, 66%, 66%
HSV	299°, 51%, 88%
XYZ	50.0187, 32.6524, 74.9177
YIQ	157.7830, 30.7540, 59.4100

Conversions

Conversions Part 2

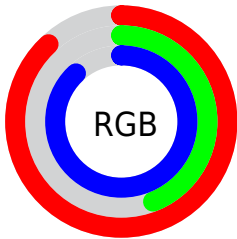
Format	Color
R_{YB}	224, 111, 225
Decimal	14708705
CIE _{Lab}	63.88, 59.37, -38.84
CIE _{LCh}	64, 70.951, 326.806
Yxy	32.6524, 0.3174, 0.2072
Android (android.graphics.Color)	4292898785 (0xFFE06FE1)
YUV	157.7830, 33.1380, 58.0723
Hunter-Lab	57.1423, 56.2485, -37.7339

Details

The Yxy color **32.6524, 0.3174, 0.2072** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **58.4574, 0.3057, 0.4898**, and the grayscale version is **33.9261, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.1174, 0.3167, 0.2431**, and **13.7039, 0.3156, 0.1783** is the 20% darker color. If you saturate the color by 10%, you get **28.3143, 0.3180, 0.1884**, and if you desaturate by 10%, it is **38.2300, 0.3166, 0.2290**.

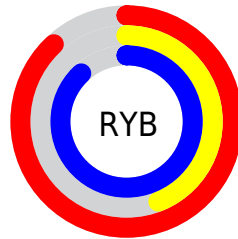
Distribution



Red (88%)

Green (44%)

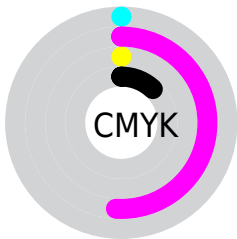
Blue (88%)



Red (88%)

Yellow (44%)

Blue (88%)

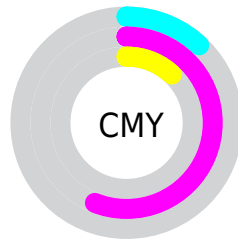


Cyan (0%)

Magenta (51%)

Yellow (0%)

Black (12%)



Cyan (12%)


Magenta (56%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.6524, 0.3174, 0.2072 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 32.6524, 0.3174, 0.2072 by changing the saturation by 10% instead.

 32.6524, 0.3174,
0.2072


 32.6524, 0.3174,
0.2072

314.0805, 0.3175,
0.2643

 21.8603, 0.3167,
0.1942


 63.8325, 0.3179,
0.2270

 13.7543, 0.3155,
0.1783


 84.9892, 0.3180,
0.2347

 7.9500, 0.3132,
0.1586


 110.3696, 0.3180,
0.2414

 4.0629, 0.3091,
0.1335

140.3581, 0.3179,
0.2472

 1.7088, 0.3012,
0.1016

175.3390, 0.3178,
0.2523

 0.4294, 0.2876,
0.0532

215.6968, 0.3177,


 0.0000, 0.2533,


0.2568


0.0000


261.8158, 0.3176,
0.2608


 0.0000, 0.0000,
0.0000

 32.6524, 0.3174,
0.2072

 32.6524, 0.3174,
0.2072

 28.3143, 0.3180,
0.1884


 38.2300, 0.3166,
0.2290


 25.1168, 0.3185,
0.1733


 45.1278, 0.3157,
0.2529

 22.9527, 0.3187,
0.1624

 53.4244, 0.3148,
0.2778

 21.6929, 0.3188,
0.1559

 63.1914, 0.3138,
0.3028

 21.1272, 0.3187,
0.1529

 74.4953, 0.3128,
0.3274

■ 87.3985, 0.3118,
0.3509

■ 93.0318, 0.3115,
0.3598

■ 93.0643, 0.3116,
0.3598

■ 93.0968, 0.3118,
0.3598

Harmonies

Analogous

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



32.6524, 0.2205, 0.1777



32.6524, 0.3174, 0.2072



32.6524, 0.4326, 0.2596

Triad

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



32.6524, 0.3174, 0.2072



32.6524, 0.4665, 0.4743



32.6524, 0.1453, 0.2813

Complementary

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



32.6524, 0.3174, 0.2072



58.4574, 0.3057, 0.4898

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.



32.6524, 0.1925, 0.4042



32.6524, 0.3174, 0.2072



32.6524, 0.3771, 0.5316

Square

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



32.6524, 0.3174, 0.2072



32.6524, 0.5218, 0.3984



32.6524, 0.2774, 0.5150



32.6524, 0.1367, 0.2060

Rectangle

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



32.6524, 0.3174, 0.2072



32.6524, 0.4940, 0.3028



32.6524, 0.2774, 0.5150



32.6524, 0.1564, 0.3182

Sweetspot

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



32.6539, 0.3174, 0.2072



77.9120, 0.3142, 0.2918



20.6045, 0.2161, 0.1710



16.0918, 0.3144, 0.2864



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.



32.6539, 0.3174, 0.2072



37.2260, 0.3181, 0.1871



30.2788, 0.3799, 0.2615



13.9291, 0.3137, 0.3059



12.1744, 0.3187, 0.1529



0.8459, 0.3191, 0.1531

Inverse Universe

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



28.5502, 0.4561, 0.3283



31.2057, 0.5059, 0.3283



60.0004, 0.2766, 0.4111



13.7025, 0.3291, 0.3288



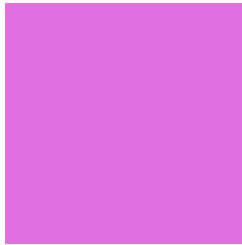
9.2277, 0.6391, 0.3294



0.6403, 0.6361, 0.3278

Previews

White Background



This preview shows how the Yxy color 32.6524, 0.3174, 0.2072 looks on a white background.

Color Contrast Check

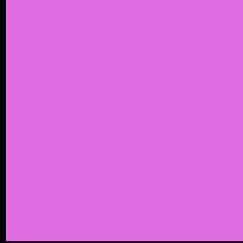
Large Text (above 18pt) WCAG AA × Fail

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 32.6524, 0.3174, 0.2072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

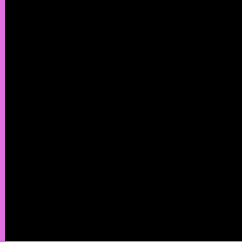
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.6524, 0.3174, 0.2072

Background



This preview shows how black text looks on a background with the Yxy color 32.6524, 0.3174, 0.2072.

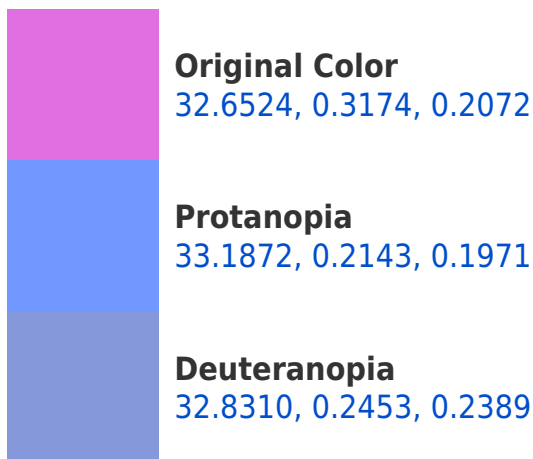


This preview shows how white text looks on a background with the Yxy color 32.6524, 0.3174, 0.2072.

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





Tritanopia

32.4518, 0.3969, 0.3168

Trichromacy



Original Color

32.6524, 0.3174, 0.2072



Protanomaly

31.1953, 0.2413, 0.1960



Deuteranomaly

31.5044, 0.2669, 0.2221



Tritanomaly

32.2993, 0.3666, 0.2718

Monochromacy



Original Color

32.6524, 0.3174, 0.2072



Achromatopsia

34.1914, 0.3127, 0.3290



Achromatomaly

32.3722, 0.3153, 0.2739

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.6524, 0.3174, 0.2072 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(224, 111, 225)` looks like.

```
.text, #text, p{  
    color:rgb(224, 111, 225)  
}
```

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(224, 111, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 111, 225) }
```

Border

The CSS property to change the border of an element to Yxy 32.6524, 0.3174, 0.2072 is called "border". The border property can be set on classes, ids or directly on the HTML element.

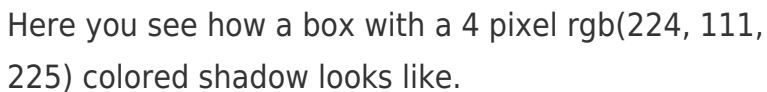
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(224, 111, 225) }
```

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

```
.border{ border-color:rgb(224, 111, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(224, 111, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 111, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 111, 225); box-shadow:4px 4px 4px 4px rgb(224, 111, 225) }
```


Background

The CSS property to change the background color of an element to Yxy 32.6524, 0.3174, 0.2072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 111, 225) }
```

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

```
.background{ background-color: rgb(224,  
111, 225) }
```

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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