

Converting Colors

$Y_{xy}(32.7200, 0.4563, 0.3169)$

Have a look what the booklet for
Yxy(32.7200, 0.4563, 0.3169)
contains.

Yxy(32.7741, 0.4552, 0.3168)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(32.7741, 0.4552, 0.3168)

Conversions

Conversions Part 1

Format	Color
Hex	F4727E
RGB	244, 114, 126
RGB Percent	96%, 45%, 49%
CMY	0.0431, 0.5529, 0.5058
CMYK	0.00, 0.53, 0.48, 0.04
HSL	354°, 86%, 70%
HSV	354°, 53%, 96%
XYZ	47.0921, 32.7741, 23.5874
YIQ	154.2380, 73.6280, 31.2920

Conversions

Conversions Part 2

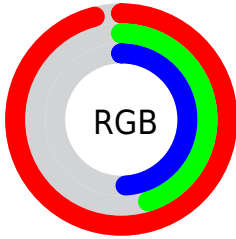
Format	Color
R_{YB}	244, 114, 126
Decimal	16020094
CIE Lab	63.98, 50.91, 17.78
CIE LCh	64, 53.929, 19.245
Yxy	32.7741, 0.4552, 0.3168
Android (android.graphics.Color)	4294210174 (0xFFFF4727E)
YUV	154.2380, -13.9213, 78.7213
Hunter-Lab	57.2487, 46.6468, 15.6456

Details

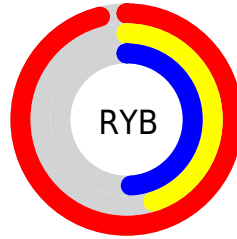
The Yxy color **32.7741, 0.4552, 0.3168** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **74.1045, 0.2496, 0.3435**, and the grayscale version is **32.4647, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.8906, 0.3830, 0.3187**, and **13.8348, 0.5016, 0.3086** is the 20% darker color. If you saturate the color by 10%, you get **27.4759, 0.4993, 0.3159**, and if you desaturate by 10%, it is **39.6700, 0.4162, 0.3187**.

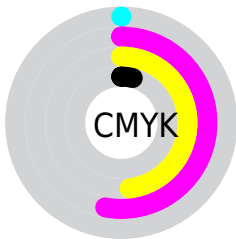
Distribution



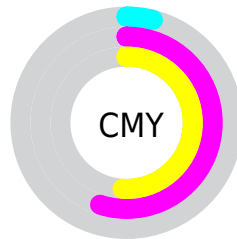
- Red (96%)
- Green (45%)
- Blue (49%)



- Red (96%)
- Yellow (45%)
- Blue (49%)



- Cyan (0%)
- Magenta (53%)
- Yellow (48%)
- Black (4%)




- Cyan (4%)
- Magenta (55%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.7741, 0.4552, 0.3168 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 32.7741, 0.4552, 0.3168 by changing the saturation by 10% instead.

 32.7741, 0.4552,
0.3168


 32.7741, 0.4552,
0.3168


314.6306, 0.3793,
0.3262

 21.9534, 0.4754,
0.3132


 64.0227, 0.4267,
0.3211

 13.8227, 0.5018,
0.3079


 85.2194, 0.4162,
0.3225

 7.9975, 0.5377,
0.2993


 110.6436, 0.4075,
0.3235

 4.0933, 0.5885,
0.2848

140.6797, 0.4001,
0.3243

 1.7259, 0.6721,
0.2610

175.7120, 0.3938,
0.3249

 0.4403, 0.8163,
0.1837

216.1250, 0.3883,


 0.0000, 1.0000,


0.3255


0.0000


262.3031, 0.3836,
0.3259


 0.0000, 0.0000,
0.0000


 32.7741, 0.4552,
0.3168


 32.7741, 0.4552,
0.3168


 27.4759, 0.4993,
0.3159


 39.6700, 0.4162,
0.3187


 23.6423, 0.5451,
0.3165


 48.2726, 0.3834,
0.3210


 21.1273, 0.5870,
0.3188


 58.6871, 0.3565,
0.3235

 19.7520, 0.6183,
0.3228

 71.0090, 0.3349,
0.3259

 19.2930, 0.6318,
0.3254

 85.3270, 0.3176,
0.3283

 97.9730, 0.3060,
0.3290

Harmonies

Analogous

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



32.7741, 0.3836, 0.2628



32.7741, 0.4552, 0.3168



32.7741, 0.4798, 0.3771

Triad

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



32.7741, 0.4552, 0.3168



32.7741, 0.3099, 0.4760



32.7741, 0.1828, 0.2102

Complementary

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



32.7741, 0.4552, 0.3168



74.1045, 0.2496, 0.3435

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.



32.7741, 0.1695, 0.2463



32.7741, 0.4552, 0.3168



32.7741, 0.2358, 0.4092

Square

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



32.7741, 0.4552, 0.3168



32.7741, 0.3891, 0.4798



32.7741, 0.1865, 0.3170



32.7741, 0.2255, 0.2041

Rectangle

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



32.7741, 0.4552, 0.3168



32.7741, 0.4665, 0.4175



32.7741, 0.1865, 0.3170



32.7741, 0.1751, 0.2186

Sweetspot

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



32.7758, 0.4552, 0.3168



74.5148, 0.3404, 0.3253



35.5567, 0.3066, 0.1971



15.3363, 0.3448, 0.3248



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.



32.7758, 0.4552, 0.3168



29.9386, 0.5033, 0.3159



47.7218, 0.4354, 0.3849



16.5074, 0.3279, 0.3268



10.4990, 0.6297, 0.3243



0.9310, 0.6076, 0.3121

Inverse Universe

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



32.7758, 0.4552, 0.3168



29.9386, 0.5033, 0.3159



47.8097, 0.2308, 0.2619



16.5074, 0.3279, 0.3268



10.4990, 0.6297, 0.3243



0.9310, 0.6076, 0.3121

Previews

White Background



This preview shows how the Yxy color 32.7741, 0.4552, 0.3168 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 32.7741, 0.4552, 0.3168 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 32.7741, 0.4552, 0.3168

Background



This preview shows how black text looks on a background with the Yxy color 32.7741, 0.4552, 0.3168.



This preview shows how white text looks on a background with the Yxy color 32.7741, 0.4552, 0.3168.

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

32.7741, 0.4552, 0.3168

Protanopia

32.9916, 0.3261, 0.3426

Deuteranopia

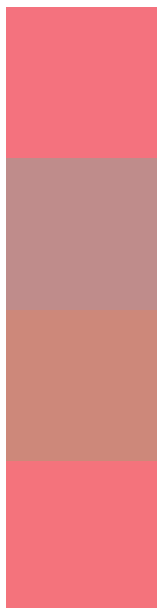
32.7960, 0.3775, 0.3703



Tritanopia

32.9246, 0.4584, 0.3210

Trichromacy



Original Color

32.7741, 0.4552, 0.3168

Protanomaly

31.6966, 0.3705, 0.3305

Deuteranomaly

31.9926, 0.4071, 0.3474

Tritanomaly

32.9498, 0.4572, 0.3200

Monochromacy



Original Color

32.7741, 0.4552, 0.3168

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.0436, 0.3608, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.7741, 0.4552, 0.3168 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(244, 114, 126)` looks like.

```
.text, #text, p{  
    color:rgb(244, 114, 126)  
}
```

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(244, 114, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 114, 126) }
```

Border

The CSS property to change the border of an element to Yxy 32.7741, 0.4552, 0.3168 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(244, 114, 126) }
```

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

```
.border{ border-color:rgb(244, 114, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 114, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 114, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 114, 126); box-shadow:4px 4px 4px 4px rgb(244, 114, 126) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 32.7741, 0.4552, 0.3168$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 114, 126) }
```

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

```
.background{ background-color: rgb(244,  
114, 126) }
```

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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