

Converting Colors

$Y_{xy}(17.0744, 0.5284, 0.2734)$

Have a look what the booklet for
Yxy(17.0744, 0.5284, 0.2734)
contains.

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Color

Yxy(17.0744, 0.5284, 0.2734)

Conversions

Conversions Part 1

Format	Color
Hex	E0115F
RGB	224, 17, 95
RGB Percent	88%, 7%, 37%
CMY	0.1217, 0.9326, 0.6275
CMYK	0.00, 0.92, 0.58, 0.12
HSL	337°, 86%, 47%
HSV	337°, 92%, 88%
XYZ	32.9997, 17.0744, 12.3780
YIQ	87.7850, 98.3340, 68.1420

Conversions

Conversions Part 2

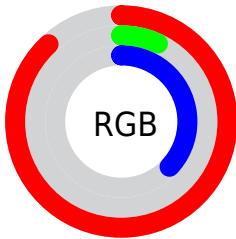
Format	Color
R_{YB}	224, 17, 95
Decimal	14684511
CIE _{Lab}	48.35, 74.03, 14.07
CIE _{LCh}	48, 75.359, 10.760
Yxy	17.0744, 0.5284, 0.2734
Android (android.graphics.Color)	4292874591 (0xFFE0115F)
YUV	87.7850, 3.5570, 119.4606
Hunter-Lab	41.3212, 70.2406, 11.1642

Details

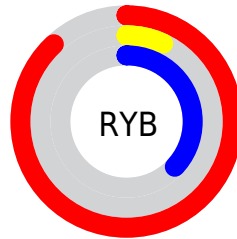
The Yxy color **17.0744, 0.5284, 0.2734** is a dark color, and the websafe version is hex **FF0066**, and the color name is **ruby**. The color can be described as dark washed red. A complement of this color would be **55.4986, 0.2590, 0.4480**, and the grayscale version is **9.7076, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.6701, 0.4494, 0.2817**, and **7.8074, 0.5699, 0.2913** is the 20% darker color. If you saturate the color by 10%, you get **16.4872, 0.5505, 0.2806**, and if you desaturate by 10%, it is **18.4355, 0.4970, 0.2677**.

Distribution



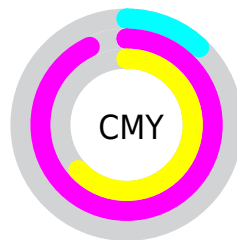
- Red (88%)
- Green (7%)
- Blue (37%)



- Red (88%)
- Yellow (7%)
- Blue (37%)



- Cyan (0%)
- Magenta (92%)
- Yellow (58%)
- Black (12%)




- Cyan (12%)
- Magenta (93%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.0744, 0.5284, 0.2734 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 17.0744, 0.5284, 0.2734 by changing the saturation by 10% instead.


 17.0744, 0.5284,
0.2734


 17.0744, 0.5284,
0.2734


235.6008, 0.4039,
0.3096


 10.2876, 0.5649,
0.2608


 38.4536, 0.4790,
0.2890


 5.5900, 0.6145,
0.2422

 53.8148, 0.4617,
0.2941


 2.5974, 0.6839,
0.2132

 72.8029, 0.4476,
0.2981

 0.9254, 0.8213,
0.1743

 95.8023, 0.4359,
0.3014

 0.0000, 1.0000,
0.0000

 123.1974, 0.4260,
0.3040

 0.0000, 0.0000,
0.0000

 155.3726, 0.4175,

0.3062

192.7122, 0.4102,
0.3081

■ 17.0744, 0.5284,
0.2734

■ 17.0744, 0.5284,
0.2734

■ 16.4872, 0.5505,
0.2806

■ 18.4355, 0.4970,
0.2677

■ 20.7138, 0.4645,
0.2671

■ 24.0449, 0.4332,
0.2710

■ 28.5407, 0.4048,
0.2781

■ 34.2986, 0.3800,
0.2872

■ 41.4056, 0.3590,
0.2972

■ 49.9412, 0.3414,
0.3074

■ 59.9784, 0.3270,
0.3174

■ 71.5853, 0.3151,
0.3269

Harmonies

Analogous

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



17.0744, 0.3863, 0.2049



17.0744, 0.5284, 0.2734



17.0744, 0.5838, 0.3504

Triad

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



17.0744, 0.5284, 0.2734



17.0744, 0.3199, 0.6047



17.0744, 0.1098, 0.1531

Complementary

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



17.0744, 0.5284, 0.2734



55.4986, 0.2590, 0.4480

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.



17.0744, 0.1002, 0.2105



17.0744, 0.5284, 0.2734



17.0744, 0.2056, 0.5264

Square

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



17.0744, 0.5284, 0.2734



17.0744, 0.4392, 0.5402



17.0744, 0.1277, 0.3410



17.0744, 0.1542, 0.1399

Rectangle

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



17.0744, 0.5284, 0.2734



17.0744, 0.5627, 0.4073



17.0744, 0.1277, 0.3410



17.0744, 0.1030, 0.1661

Sweetspot

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



17.0754, 0.5284, 0.2734



60.0512, 0.3513, 0.3014



11.7797, 0.2330, 0.1086



11.8435, 0.3594, 0.2970



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.



17.0754, 0.5284, 0.2734



22.1033, 0.5523, 0.2816



17.4913, 0.6158, 0.3405



13.7854, 0.3233, 0.3202



9.6199, 0.5465, 0.2784



0.6838, 0.5046, 0.2553

Inverse Universe

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



17.0754, 0.5284, 0.2734



22.1033, 0.5523, 0.2816



46.7392, 0.2161, 0.2944



13.7854, 0.3233, 0.3202



9.6199, 0.5465, 0.2784



0.6838, 0.5046, 0.2553

Previews

White Background



This preview shows how the Yxy color 17.0744, 0.5284, 0.2734 looks on a white background.

Color Contrast Check

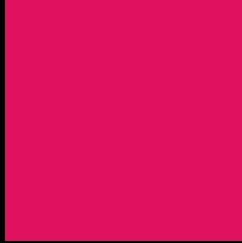
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 17.0744, 0.5284, 0.2734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

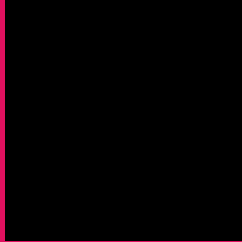
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.0744, 0.5284, 0.2734

Background



This preview shows how black text looks on a background with the Yxy color 17.0744, 0.5284, 0.2734.

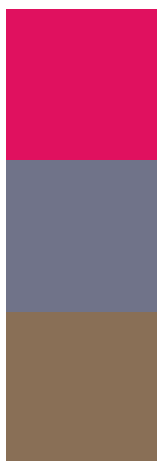


This preview shows how white text looks on a background with the Yxy color 17.0744, 0.5284, 0.2734.

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

17.0744, 0.5284, 0.2734

Protanopia

17.5124, 0.2842, 0.2872

Deuteranopia

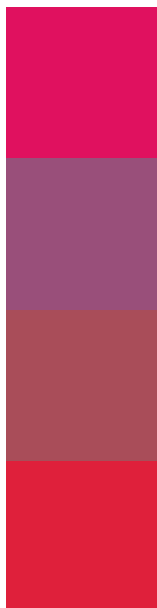
17.3591, 0.3822, 0.3752



Tritanopia

17.1937, 0.6006, 0.3304

Trichromacy



Original Color

17.0744, 0.5284, 0.2734

Protanomaly

13.7694, 0.3651, 0.2585

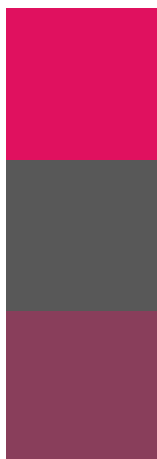
Deuteranomaly

14.4640, 0.4484, 0.3115

Tritanomaly

17.0368, 0.5820, 0.3124

Monochromacy



Original Color

17.0744, 0.5284, 0.2734

Achromatopsia

9.7587, 0.3127, 0.3290

Achromatomaly

9.5189, 0.4043, 0.2763

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.0744, 0.5284, 0.2734 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, 17, 95)` looks like.

```
.text, #text, p{  
    color:rgb(224, 17, 95)  
}
```

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, 17, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 17, 95) }
```

Border

The CSS property to change the border of an element to Yxy 17.0744, 0.5284, 0.2734 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, 17, 95) }
```

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

```
.border{ border-color:rgb(224, 17, 95) }
```

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

Here you see how a box with a 4 pixel rgb(224, 17, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 17, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 17, 95);  
box-shadow:4px 4px 4px 4px rgb(224, 17,  
95) }
```


Background

The CSS property to change the background color of an element to Rgb(224, 17, 95) is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 17, 95) }
```

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

```
.background{ background-color: rgb(224, 17,  
95) }
```

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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