

Converting Colors

$Y_{xy}(26.0527, 0.4562, 0.3028)$

Have a look what the booklet for
Yxy(26.0527, 0.4562, 0.3028)
contains.

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Color

Yxy(26.0527, 0.4562, 0.3028)

Conversions

Conversions Part 1

Format	Color
Hex	E36078
RGB	227, 96, 120
RGB Percent	89%, 38%, 47%
CMY	0.1098, 0.6235, 0.5293
CMYK	0.00, 0.58, 0.47, 0.11
HSL	349°, 70%, 63%
HSV	349°, 58%, 89%
XYZ	39.2511, 26.0527, 20.7355
YIQ	137.9050, 70.3720, 35.2360

Conversions

Conversions Part 2

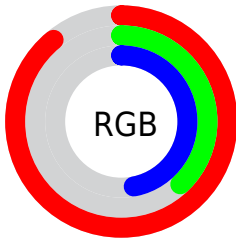
Format	Color
R_{YB}	227, 96, 120
Decimal	14901368
CIE _{Lab}	58.09, 53.00, 12.67
CIE _{LCh}	58, 54.494, 13.444
Yxy	26.0527, 0.4562, 0.3028
Android (android.graphics.Color)	4293091448 (0xFFE36078)
YUV	137.9050, -8.8272, 78.1363
Hunter-Lab	51.0418, 47.9431, 11.6431

Details

The Yxy color **26.0527, 0.4562, 0.3028** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **61.7331, 0.2520, 0.3611**, and the grayscale version is **25.3938, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.3718, 0.3958, 0.3072**, and **10.1344, 0.5078, 0.2886** is the 20% darker color. If you saturate the color by 10%, you get **22.0850, 0.4972, 0.3012**, and if you desaturate by 10%, it is **31.3058, 0.4194, 0.3063**.

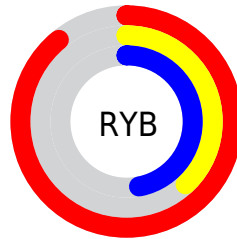
Distribution



Red (89%)

Green (38%)

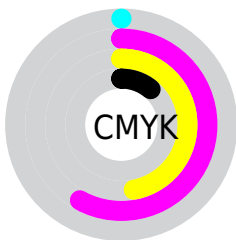
Blue (47%)



Red (89%)

Yellow (38%)

Blue (47%)

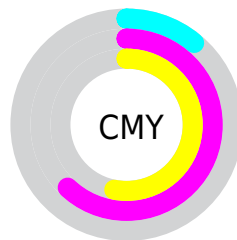


Cyan (0%)

Magenta (58%)

Yellow (47%)

Black (11%)



Cyan (11%)


Magenta (62%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0527, 0.4562, 0.3028 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 26.0527, 0.4562, 0.3028 by changing the saturation by 10% instead.


 26.0527, 0.4562,
0.3028


 26.0527, 0.4562,
0.3028


283.0407, 0.3772,
0.3195


 16.8631, 0.4783,
0.2972


 53.3600, 0.4258,
0.3099

 10.1369, 0.5079,
0.2890


 72.2464, 0.4148,
0.3122

 5.4898, 0.5495,
0.2764

 95.1338, 0.4058,
0.3141

 2.5374, 0.6109,
0.2551

 122.4067, 0.3983,
0.3156

 0.8953, 0.7487,
0.2286

154.4495, 0.3918,
0.3168

 0.0000, 1.0000,
0.0000

191.6464, 0.3863,

 0.0000, 0.0000,

0.3179

0.0000

234.3821, 0.3815,
0.3188

■ 26.0527, 0.4562,
0.3028

■ 26.0527, 0.4562,
0.3028

■ 22.0850, 0.4972,
0.3012

■ 31.3058, 0.4194,
0.3063

■ 19.2874, 0.5395,
0.3024

■ 37.9382, 0.3880,
0.3108

■ 17.5310, 0.5783,
0.3070


■ 46.0399, 0.3619,
0.3158


■ 16.6392, 0.6086,
0.3143


■ 55.6920, 0.3407,
0.3208

■ 16.4942, 0.6144,
0.3158

■ 66.9697, 0.3236,
0.3255

 79.9433, 0.3098,
0.3300

 94.6789, 0.2986,
0.3341

 95.0699, 0.2958,
0.3290

Harmonies

Analogous

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



26.0527, 0.3712, 0.2479



26.0527, 0.4562, 0.3028



26.0527, 0.4936, 0.3658

Triad

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



26.0527, 0.4562, 0.3028



26.0527, 0.3249, 0.4971



26.0527, 0.1683, 0.2056

Complementary

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



26.0527, 0.4562, 0.3028



61.7331, 0.2520, 0.3611

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.



26.0527, 0.1600, 0.2503



26.0527, 0.4562, 0.3028



26.0527, 0.2424, 0.4359

Square

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



26.0527, 0.4562, 0.3028



26.0527, 0.4087, 0.4855



26.0527, 0.1840, 0.3336



26.0527, 0.2073, 0.1941

Rectangle

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



26.0527, 0.4562, 0.3028



26.0527, 0.4852, 0.4094



26.0527, 0.1840, 0.3336



26.0527, 0.1621, 0.2164

Sweetspot

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



26.0541, 0.4562, 0.3028



73.3181, 0.3396, 0.3210



26.6071, 0.2946, 0.1837



15.1079, 0.3435, 0.3201



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.



26.0541, 0.4562, 0.3028



28.0136, 0.5046, 0.3012



35.2051, 0.4572, 0.3761



14.4109, 0.3264, 0.3247



9.6325, 0.6112, 0.3141



0.7243, 0.5725, 0.2927

Inverse Universe

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



26.0541, 0.4562, 0.3028



28.0136, 0.5046, 0.3012



42.9472, 0.2286, 0.2716



14.4109, 0.3264, 0.3247



9.6325, 0.6112, 0.3141



0.7243, 0.5725, 0.2927

Previews

White Background



This preview shows how the Yxy color 26.0527, 0.4562, 0.3028 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 26.0527, 0.4562, 0.3028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

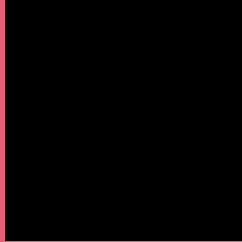
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0527, 0.4562, 0.3028

Background



This preview shows how black text looks on a background with the Yxy color 26.0527, 0.4562, 0.3028.

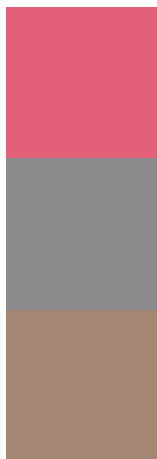


This preview shows how white text looks on a background with the Yxy color 26.0527, 0.4562, 0.3028.

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

26.0527, 0.4562, 0.3028

Protanopia

26.1992, 0.3119, 0.3224

Deuteranopia

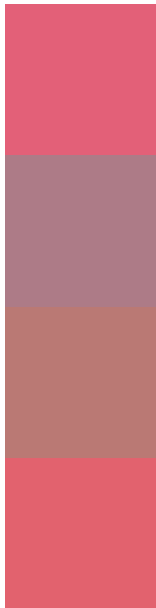
26.3294, 0.3686, 0.3620



Tritanopia

26.1124, 0.4745, 0.3229

Trichromacy



Original Color

26.0527, 0.4562, 0.3028

Protanomaly

24.7994, 0.3600, 0.3112

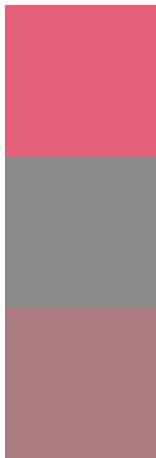
Deuteranomaly

25.3748, 0.4008, 0.3364

Tritanomaly

26.0299, 0.4682, 0.3162

Monochromacy



Original Color

26.0527, 0.4562, 0.3028

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.3507, 0.3613, 0.3170

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0527, 0.4562, 0.3028 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(227, 96, 120)` looks like.

```
.text, #text, p{  
    color:rgb(227, 96, 120)  
}
```

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(227, 96, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 96, 120) }
```

Border

The CSS property to change the border of an element to Yxy 26.0527, 0.4562, 0.3028 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(227, 96, 120) }
```

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

```
.border{ border-color:rgb(227, 96, 120) }
```

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

Here you see how a box with a 4 pixel rgb(227, 96, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 96, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 96, 120);  
box-shadow:4px 4px 4px 4px rgb(227, 96,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0527, 0.4562, 0.3028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 96, 120) }
```

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

```
.background{ background-color: rgb(227, 96,  
120) }
```

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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