

Converting Colors

XYZ(41.6126, 27.8185, 21.2654)

Have a look what the booklet for
XYZ(41.6126, 27.8185, 21.2654)
contains.

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Color

**XYZ(41.6126, 27.8185,
21.2654)**

Conversions

Conversions Part 1

Format	Color
Hex	E96479
RGB	233, 100, 121
RGB Percent	91%, 39%, 47%
CMY	0.0863, 0.6078, 0.5255
CMYK	0.00, 0.57, 0.48, 0.09
HSL	351°, 75%, 65%
HSV	351°, 57%, 91%
XYZ	41.6126, 27.8185, 21.2654
YIQ	142.1610, 72.5270, 34.7270

Conversions

Conversions Part 2

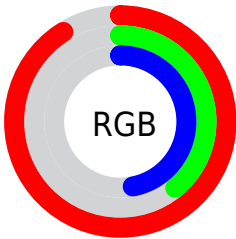
Format	Color
R _Y B	233, 100, 121
Decimal	15295609
CIE Lab	59.72, 53.27, 14.52
CIE LCh	60, 55.209, 15.249
Yxy	27.8185, 0.4588, 0.3067
Android (android.graphics.Color)	4293485689 (0xFFE96479)
YUV	142.1610, -10.4324, 79.6658
Hunter-Lab	52.7432, 48.5297, 13.0153

Details

The XYZ color **41.6126, 27.8185, 21.2654** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **46.2798, 65.7412, 72.5423**, and the grayscale version is **25.7959, 27.1393, 29.5547**.

A 20% lighter version of the original color is **60.5042, 47.7198, 45.5571**, and **19.3369, 11.1666, 7.4395** is the 20% darker color. If you saturate the color by 10%, you get **38.6052, 23.5376, 14.9179**, and if you desaturate by 10%, it is **45.5051, 33.4780, 29.1159**.

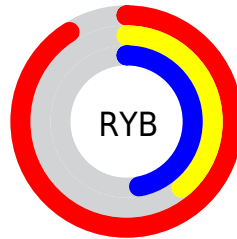
Distribution



Red (91%)

Green (39%)

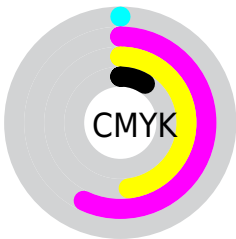
Blue (47%)



Red (91%)

Yellow (39%)

Blue (47%)

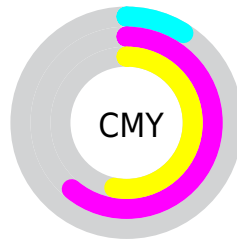


Cyan (0%)

Magenta (57%)

Yellow (48%)

Black (9%)



Cyan (9%)


Magenta (61%)


Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.6126, 27.8185, 21.2654 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 XYZ color 41.6126, 27.8185, 21.2654 by changing the saturation by 10% instead.


 41.6126, 27.8185,
21.2654


 41.6126, 27.8185,
21.2654


343.8935,
291.5986, 271.5128


 28.9878, 18.1889,
13.1250


 76.8818, 56.1945,
46.4153


 19.2159, 11.0857,
7.3829


 100.2570, 75.7098,
64.2619

 11.9313, 6.1245,
3.6207


 127.9464, 99.2890,
86.1810

 6.7688, 2.9209,
1.4196

 160.3153,
127.3165, 112.5912

 3.3630, 1.0906,
0.1570

197.7291,
160.1769, 143.9109

 1.3485, 0.0000,
0.0000

240.5532,

 0.2191, 0.0000,

198.2544, 180.5587

0.0000

289.1529,
241.9336, 222.9532

■ 0.0000, 0.0000,
0.0000

■ 41.6126, 27.8185,
21.2654

■ 41.6126, 27.8185,
21.2654

■ 38.6052, 23.5376,
14.9179

■ 45.5051, 33.4780,
29.1159

■ 36.4096, 20.5127,
9.9745

■ 50.3436, 40.6160,
38.5564

■ 34.9443, 18.6069,
6.3265

■ 56.1863, 49.3285,
49.6690

■ 34.1052, 17.6422,
3.8466

■ 63.0858, 59.7019,
62.5297

■ 33.9346, 17.4557,
3.3128

■ 71.0912, 71.8164,
77.2097

■ 80.2483, 85.7470,
93.7763

■ 87.4141, 96.0636,
108.5426

Harmonies

Analogous

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



41.6535, 27.8185, 41.1644



41.6126, 27.8185, 21.2654



37.0560, 27.8185, 10.3756

Triad

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



41.6126, 27.8185, 21.2654



18.0110, 27.8185, 10.4918



23.1695, 27.8185, 84.7152

Complementary

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



41.6126, 27.8185, 21.2654



46.2798, 65.7412, 72.5423

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.



18.0750, 27.8185, 66.5938



41.6126, 27.8185, 21.2654



15.4724, 27.8185, 21.5216

Square

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



41.6126, 27.8185, 21.2654



23.0664, 27.8185, 6.2851



15.4936, 27.8185, 41.5620



30.1289, 27.8185, 84.5435

Rectangle

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



41.6126, 27.8185, 21.2654



32.4651, 27.8185, 7.0793



15.4936, 27.8185, 41.5620



21.2118, 27.8185, 80.3011

Sweetspot

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



41.6133, 27.8200, 21.2659



77.4156, 73.2600, 76.7285



46.0824, 28.8235, 80.2251



16.1813, 15.0944, 15.7032



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.6133, 27.8200, 21.2659



46.9860, 28.3379, 17.4531



45.9294, 38.2931, 17.0293



15.1624, 15.0928, 16.1405



19.2844, 9.9164, 2.0329



1.5436, 0.7904, 0.3139

Inverse Universe

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



41.6133, 27.8200, 21.2659



46.9860, 28.3379, 17.4531



38.0909, 44.8460, 83.7390



15.1624, 15.0928, 16.1405



19.2844, 9.9164, 2.0329



1.5436, 0.7904, 0.3139

Previews

White Background



This preview shows how the XYZ color 41.6126, 27.8185, 21.2654 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 XYZ color 41.6126, 27.8185, 21.2654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

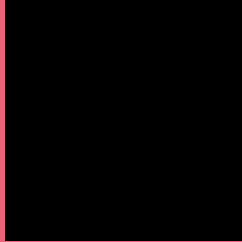
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.6126, 27.8185, 21.2654

Background



This preview shows how black text looks on a background with the XYZ color 41.6126, 27.8185, 21.2654.

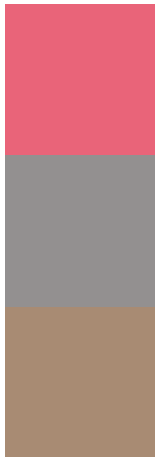


This preview shows how white text looks on a background with the XYZ color 41.6126, 27.8185,

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

41.6126, 27.8185, 21.2654

Protanopia

27.0399, 28.1632, 30.3964

Deuteranopia

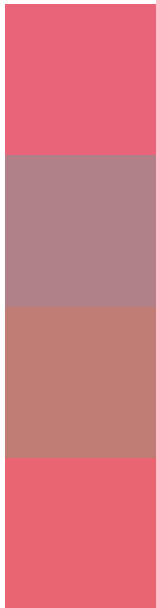
28.4756, 28.0279, 20.1288



Tritanopia

40.7904, 27.7627, 17.6768

Trichromacy



Original Color

41.6126, 27.8185, 21.2654

Protanomaly

30.5232, 26.6809, 26.8337

Deuteranomaly

32.2827, 27.1581, 20.3702

Tritanomaly

40.9130, 27.6554, 18.8045

Monochromacy



Original Color

41.6126, 27.8185, 21.2654

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

29.5716, 26.0139, 26.0169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6126, 27.8185, 21.2654 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(233, 100, 121)` looks like.

```
.text, #text, p{  
    color:rgb(233, 100, 121)  
}
```

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(233, 100, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 100, 121) }
```

Border

The CSS property to change the border of an element to XYZ 41.6126, 27.8185, 21.2654 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(233, 100, 121) }
```


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

```
.border{ border-color:rgb(233, 100, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 100, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 100, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 100, 121);  
box-shadow:4px 4px 4px 4px rgb(233, 100,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6126, 27.8185, 21.2654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 100, 121) }
```

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

```
.background{ background-color: rgb(233,  
100, 121) }
```

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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