

Converting Colors

XYZ(43.6620, 30.5882, 21.0788)

Have a look what the booklet for
XYZ(43.6620, 30.5882, 21.0788)
contains.

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Color

**XYZ(43.6063, 30.5337,
21.0480)**

Conversions

Conversions Part 1

Format	Color
Hex	EC6F77
RGB	236, 111, 119
RGB Percent	93%, 44%, 47%
CMY	0.0745, 0.5647, 0.5333
CMYK	0.00, 0.53, 0.50, 0.07
HSL	356°, 77%, 68%
HSV	356°, 53%, 93%
XYZ	43.6063, 30.5337, 21.0480
YIQ	149.2870, 71.9320, 28.9880

Conversions

Conversions Part 2

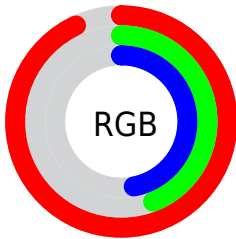
Format	Color
R _{YB}	236, 111, 119
Decimal	15495031
CIE Lab	62.11, 48.94, 19.03
CIE LCh	62, 52.514, 21.252
Yxy	30.5337, 0.4581, 0.3208
Android (android.graphics.Color)	4293685111 (0xFFEC6F77)
YUV	149.2870, -14.9315, 76.0473
Hunter-Lab	55.2573, 44.1630, 16.0960

Details

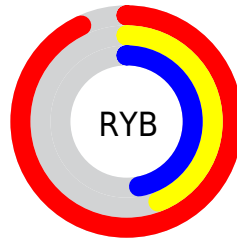
The XYZ color **43.6063, 30.5337, 21.0480** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **50.5564, 68.9725, 84.0521**, and the grayscale version is **28.7287, 30.2248, 32.9148**.

A 20% lighter version of the original color is **62.2269, 51.4727, 45.1836**, and **20.5050, 12.6113, 7.3147** is the 20% darker color. If you saturate the color by 10%, you get **40.1867, 25.5768, 14.1060**, and if you desaturate by 10%, it is **48.0158, 36.9773, 29.8416**.

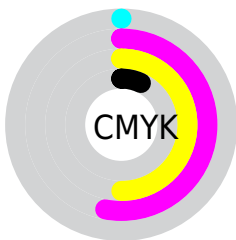
Distribution



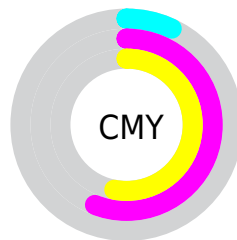
- Red (93%)
- Green (44%)
- Blue (47%)



- Red (93%)
- Yellow (44%)
- Blue (47%)



- Cyan (0%)
- Magenta (53%)
- Yellow (50%)
- Black (7%)





- Cyan (7%)
- Magenta (56%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6063, 30.5337, 21.0480 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 43.6063, 30.5337, 21.0480 by changing the saturation by 10% instead.


 43.6063, 30.5337,
21.0480

 43.6063, 30.5337,
21.0480


351.9787,
304.3843, 270.3229


 30.5577, 20.2440,
12.9675


 79.8750, 60.5052,
46.0492


 20.4125, 12.5726,
7.2757


 103.8258, 80.9558,
63.8071

 12.8052, 7.1349,
3.5541


 132.1414,
105.5621, 85.6277

 7.3706, 3.5466,
1.3840

 165.1872,
134.7087, 111.9298

 3.7433, 1.4233,
0.1292

203.3284,
168.7798, 143.1318

 1.5580, 0.2338,
0.0000

246.9305,

 0.3648, 0.0000,

208.1598, 179.6523

0.0000

296.3588,
253.2332, 221.9098

■ 0.0000, 0.0000,
0.0000

■ 43.6063, 30.5337,
21.0480

■ 43.6063, 30.5337,
21.0480

■ 40.1867, 25.5768,
14.1060

■ 48.0158, 36.9773,
29.8416

■ 37.6784, 21.9835,
8.8816

■ 53.4815, 45.0083,
40.6047

■ 35.9942, 19.6190,
5.2252

■ 60.0664, 54.7243,
53.4473

■ 35.0290, 18.3187,
2.9610

■ 67.8280, 66.2136,
68.4706

■ 34.6788, 17.8676,
2.0764

■ 76.8198, 79.5582,
85.7695

■ 87.0922, 94.8354,
105.4331

■ 88.4020, 96.5728,
108.5889

Harmonies

Analogous

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



44.6182, 30.5337, 39.5188



43.6063, 30.5337, 21.0480



38.3775, 30.5337, 11.2039

Triad

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



43.6063, 30.5337, 21.0480



19.6667, 30.5337, 14.3618



27.0046, 30.5337, 88.4009

Complementary

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



43.6063, 30.5337, 21.0480



50.5564, 68.9725, 84.0521

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.



21.3247, 30.5337, 73.7357



43.6063, 30.5337, 21.0480



17.5626, 30.5337, 27.6748

Square

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



43.6063, 30.5337, 21.0480



24.3723, 30.5337, 8.5766



18.1159, 30.5337, 49.4287



34.2270, 30.5337, 84.2598

Rectangle

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



43.6063, 30.5337, 21.0480



33.6084, 30.5337, 8.3433



18.1159, 30.5337, 49.4287



24.8719, 30.5337, 85.3446

Sweetspot

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



43.6071, 30.5353, 21.0485



77.8368, 74.4543, 75.7842



52.7149, 33.8662, 83.1151



16.2455, 15.3221, 15.4185



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.



43.6071, 30.5353, 21.0485



47.4599, 29.8437, 15.8909



50.9476, 45.9527, 21.2257



15.1045, 15.0697, 15.8358



19.1316, 9.8553, 1.2284



1.5160, 0.7794, 0.1689

Inverse Universe

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



43.6071, 30.5353, 21.0485



47.4599, 29.8437, 15.8909



38.3913, 42.8251, 85.5993



15.1045, 15.0697, 15.8358



19.1316, 9.8553, 1.2284



1.5160, 0.7794, 0.1689

Previews

White Background



This preview shows how the XYZ color 43.6063, 30.5337, 21.0480 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 XYZ color 43.6063, 30.5337, 21.0480 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](#).

XYZ 43.6063, 30.5337, 21.0480

Background



This preview shows how black text looks on a background with the XYZ color 43.6063, 30.5337, 21.0480.



This preview shows how white text looks on a background with the XYZ color 43.6063, 30.5337,

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

43.6063, 30.5337, 21.0480

Protanopia

29.2041, 30.7156, 28.4342

Deuteranopia

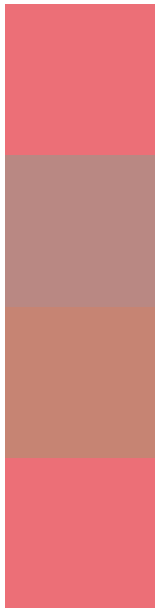
31.0854, 30.4859, 19.8688



Tritanopia

43.6063, 30.5337, 21.0480

Trichromacy



Original Color

43.6063, 30.5337, 21.0480

Protanomaly

32.9085, 29.5613, 25.4442

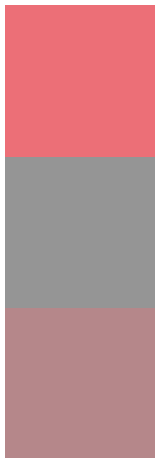
Deuteranomaly

34.6345, 29.7461, 20.1358

Tritanomaly

43.6063, 30.5337, 21.0480

Monochromacy



Original Color

43.6063, 30.5337, 21.0480

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

32.3075, 28.9867, 27.9370

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6063, 30.5337, 21.0480 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(236, 111, 119)` looks like.

```
.text, #text, p{  
    color:rgb(236, 111, 119)  
}
```

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(236, 111, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 111, 119) }
```

Border

The CSS property to change the border of an element to XYZ 43.6063, 30.5337, 21.0480 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(236, 111, 119) }
```


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

```
.border{ border-color:rgb(236, 111, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 111, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 111, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 111, 119);  
box-shadow:4px 4px 4px 4px rgb(236, 111,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6063, 30.5337, 21.0480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 111, 119) }
```

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

```
.background{ background-color: rgb(236,  
111, 119) }
```

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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