

Converting Colors

XYZ(41.1679, 30.4197, 22.7706)

Have a look what the booklet for
XYZ(41.1679, 30.4197, 22.7706)
contains.

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Color

**XYZ(41.1679, 30.4197,
22.7706)**

Conversions

Conversions Part 1

Format	Color
Hex	E1767C
RGB	225, 118, 124
RGB Percent	88%, 46%, 49%
CMY	0.1176, 0.5372, 0.5137
CMYK	0.00, 0.48, 0.45, 0.12
HSL	357°, 64%, 67%
HSV	357°, 48%, 88%
XYZ	41.1679, 30.4197, 22.7706
YIQ	150.6770, 61.8460, 24.5500

Conversions

Conversions Part 2

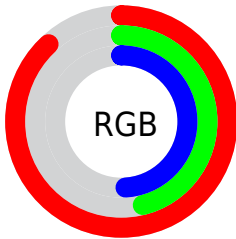
Format	Color
R _Y B	225, 118, 124
Decimal	14775932
CIE Lab	62.01, 42.04, 15.79
CIE LCh	62, 44.905, 20.593
Yxy	30.4197, 0.4363, 0.3224
Android (android.graphics.Color)	4292966012 (0xFFE1767C)
YUV	150.6770, -13.1518, 65.1813
Hunter-Lab	55.1541, 36.7158, 14.1297

Details

The XYZ color **41.1679, 30.4197, 22.7706** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **47.1843, 62.8172, 76.6598**, and the grayscale version is **29.3142, 30.8408, 33.5857**.

A 20% lighter version of the original color is **63.8290, 53.8996, 48.1138**, and **18.9441, 12.5114, 8.0731** is the 20% darker color. If you saturate the color by 10%, you get **37.6255, 25.2580, 15.6615**, and if you desaturate by 10%, it is **45.6330, 36.9639, 31.6150**.

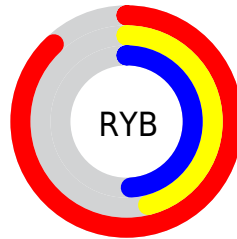
Distribution



Red (88%)

Green (46%)

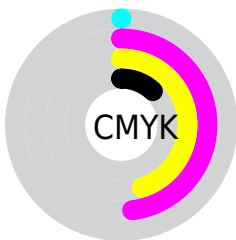
Blue (49%)



Red (88%)

Yellow (46%)

Blue (49%)

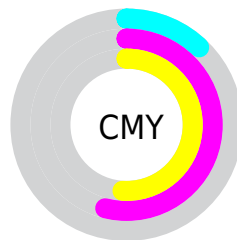


Cyan (0%)

Magenta (48%)

Yellow (45%)

Black (12%)



Cyan (12%)


Magenta (54%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.1679, 30.4197, 22.7706 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 41.1679, 30.4197, 22.7706 by changing the saturation by 10% instead.


 41.1679, 30.4197,
22.7706

 41.1679, 30.4197,
22.7706

342.0725,
303.8559, 279.6282

 28.6386, 20.1574,
14.2205


 76.2118, 60.3253,
48.9348

 18.9505, 12.5095,
8.1337


 99.4571, 80.7373,
67.3860

 11.7383, 7.0917,
4.0916


 127.0050,
105.3014, 89.9746

 6.6367, 3.5195,
1.6757

159.2210,
134.4019, 117.1192

 3.2802, 1.4086,
0.3440

196.4704,
168.4232, 149.2383

 1.3036, 0.2230,
0.0000

239.1185,

 0.1859, 0.0000,

207.7497, 186.7505

0.0000

287.5308,
252.7658, 230.0743

■ 0.0000, 0.0000,
0.0000

■ 41.1679, 30.4197,
22.7706

■ 41.1679, 30.4197,
22.7706

■ 37.6255, 25.2580,
15.6615

■ 45.6330, 36.9639,
31.6150

■ 34.9391, 21.3755,
10.1720

■ 51.0767, 44.9752,
42.2967

■ 33.0368, 18.6616,
6.1750


■ 57.5533, 54.5366,
54.9117


■ 31.8336, 16.9851,
3.5238


■ 65.1123, 65.7240,
69.5491

■ 31.2186, 16.1701,
2.0396

■ 73.8001, 78.6079,
86.2921

 31.1214, 16.0356,
1.8225

 83.6604, 93.2550,
105.2196

 84.8613, 94.7475,
108.4232

Harmonies

Analogous

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



41.9119, 30.4197, 38.8453



41.1679, 30.4197, 22.7706



36.9073, 30.4197, 13.5337

Triad

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



41.1679, 30.4197, 22.7706



20.8550, 30.4197, 16.2106



27.0608, 30.4197, 77.8111

Complementary

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



41.1679, 30.4197, 22.7706



47.1843, 62.8172, 76.6598

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.



22.1655, 30.4197, 65.9332



41.1679, 30.4197, 22.7706



18.9251, 30.4197, 27.9902

Square

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



41.1679, 30.4197, 22.7706



25.0273, 30.4197, 10.7622



19.3690, 30.4197, 46.2133



33.1814, 30.4197, 74.8910

Rectangle

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



41.1679, 30.4197, 22.7706



32.9352, 30.4197, 10.6516



19.3690, 30.4197, 46.2133



25.2324, 30.4197, 75.2961

Sweetspot

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



41.1687, 30.4213, 22.7712



79.7410, 77.3162, 79.3371



48.9435, 33.2796, 75.0781



16.6190, 15.8849, 16.1109



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.



41.1687, 30.4213, 22.7712



50.0360, 33.6396, 20.9310



47.6636, 43.9994, 23.1223



13.7382, 13.7129, 14.3916



17.9472, 9.2459, 1.1218



1.2551, 0.6453, 0.1364

Inverse Universe

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



41.1687, 30.4213, 22.7712



50.0360, 33.6396, 20.9310



37.1100, 41.3828, 77.2658



13.7382, 13.7129, 14.3916



17.9472, 9.2459, 1.1218



1.2551, 0.6453, 0.1364

Previews

White Background



This preview shows how the XYZ color 41.1679, 30.4197, 22.7706 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 41.1679, 30.4197, 22.7706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

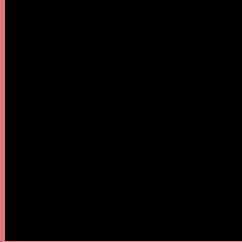
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.1679, 30.4197, 22.7706

Background



This preview shows how black text looks on a background with the XYZ color 41.1679, 30.4197, 22.7706.



This preview shows how white text looks on a background with the XYZ color 41.1679, 30.4197,

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

41.1679, 30.4197, 22.7706

Protanopia

29.1575, 30.6747, 29.1950

Deuteranopia

30.9822, 30.3924, 21.6861



Tritanopia

41.2957, 30.4708, 23.4436

Trichromacy



Original Color

41.1679, 30.4197, 22.7706

Protanomaly

32.2139, 29.6015, 26.5701

Deuteranomaly

34.1075, 30.0459, 22.0909

Tritanomaly

41.2314, 30.4451, 23.1054

Monochromacy



Original Color

41.1679, 30.4197, 22.7706

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

32.4004, 29.8533, 29.2539

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1679, 30.4197, 22.7706 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(225, 118, 124)` looks like.

```
.text, #text, p{  
    color:rgb(225, 118, 124)  
}
```

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(225, 118, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 118, 124) }
```

Border

The CSS property to change the border of an element to XYZ 41.1679, 30.4197, 22.7706 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(225, 118, 124) }
```


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

```
.border{ border-color:rgb(225, 118, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 118, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 118, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 118, 124);  
box-shadow:4px 4px 4px 4px rgb(225, 118,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1679, 30.4197, 22.7706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 118, 124) }
```

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

```
.background{ background-color: rgb(225,  
118, 124) }
```

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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