

Converting Colors

XYZ(41.2198, 30.8226, 21.8663)

Have a look what the booklet for
XYZ(41.2198, 30.8226, 21.8663)
contains.

XYZ(41.2190, 30.8210, 21.8657)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.2190, 30.8210,
21.8657)**

Conversions

Conversions Part 1

Format	Color
Hex	E17879
RGB	225, 120, 121
RGB Percent	88%, 47%, 47%
CMY	0.1176, 0.5294, 0.5255
CMYK	0.00, 0.47, 0.46, 0.12
HSL	359°, 64%, 68%
HSV	359°, 47%, 88%
XYZ	41.2190, 30.8210, 21.8657
YIQ	151.5090, 62.2590, 22.5710

Conversions

Conversions Part 2

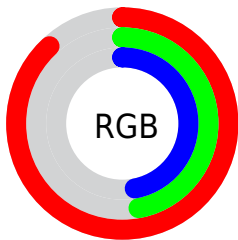
Format	Color
R _Y B	225, 120, 121
Decimal	14776441
CIE Lab	62.36, 40.72, 17.98
CIE LCh	62, 44.512, 23.820
Yxy	30.8210, 0.4389, 0.3282
Android (android.graphics.Color)	4292966521 (0xFFE17879)
YUV	151.5090, -15.0409, 64.4516
Hunter-Lab	55.5167, 35.3753, 15.5098

Details

The XYZ color **41.2190, 30.8210, 21.8657** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **48.1271, 63.2260, 80.1923**, and the grayscale version is **29.6784, 31.2240, 34.0029**.

A 20% lighter version of the original color is **63.9189, 54.5492, 46.6953**, and **18.9956, 12.7223, 7.7578** is the 20% darker color. If you saturate the color by 10%, you get **37.6114, 25.5463, 14.6814**, and if you desaturate by 10%, it is **45.7796, 37.4966, 30.9258**.

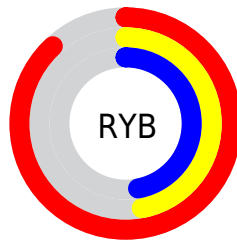
Distribution



Red (88%)

Green (47%)

Blue (47%)



Red (88%)

Yellow (47%)

Blue (47%)

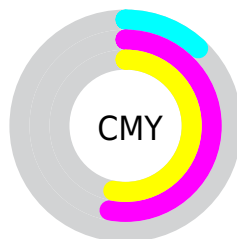


Cyan (0%)

Magenta (47%)

Yellow (46%)

Black (12%)



Cyan (12%)


Magenta (53%)


Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2190, 30.8210, 21.8657 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 41.2190, 30.8210, 21.8657 by changing the saturation by 10% instead.


 41.2190, 30.8210,
21.8657


 41.2190, 30.8210,
21.8657

342.2821,
305.7128, 274.7747


 28.6787, 20.4626,
13.5609


 76.2888, 60.9581,
47.4233

 18.9809, 12.7317,
7.6806


 99.5491, 81.5057,
65.5131

 11.7604, 7.2441,
3.8065

 127.1133,
106.2183, 87.7017

 6.6518, 3.6152,
1.5198

159.3469,
135.4805, 114.4075

 3.2897, 1.4607,
0.2326

196.6152,
169.6767, 146.0492

 1.3087, 0.2608,
0.0000

239.2836,

 0.1898, 0.0000,

209.1912, 183.0453

0.0000

287.7174,
254.4085, 225.8143

■ 0.0000, 0.0000,
0.0000

■ 41.2190, 30.8210,
21.8657

■ 41.2190, 30.8210,
21.8657

■ 37.6114, 25.5463,
14.6814

■ 45.7796, 37.4966,
30.9258

■ 34.8872, 21.5684,
9.2399

■ 51.3516, 45.6578,
41.9785

■ 32.9711, 18.7766,
5.3938


■ 57.9915, 55.3884,
55.1334


■ 31.7744, 17.0399,
2.9704


■ 65.7509, 66.7646,
70.4913

■ 31.1851, 16.1914,
1.7563

■ 74.6782, 79.8574,
88.1468

 31.0629, 16.0122,
1.5146

 84.8166, 94.7296,
108.1881

 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.



42.3842, 30.8210, 37.2578



41.2190, 30.8210, 21.8657



36.6775, 30.8210, 13.2736

Triad

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



41.2190, 30.8210, 21.8657



20.9048, 30.8210, 17.5390



28.0652, 30.8210, 78.5192

Complementary

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



41.2190, 30.8210, 21.8657



48.1271, 63.2260, 80.1923

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.



22.9753, 30.8210, 68.0853



41.2190, 30.8210, 21.8657



19.2223, 30.8210, 30.1132

Square

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



41.2190, 30.8210, 21.8657



24.8613, 30.8210, 11.4410



19.9248, 30.8210, 48.8173



34.2256, 30.8210, 73.9698

Rectangle

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



41.2190, 30.8210, 21.8657



32.6419, 30.8210, 10.7190



19.9248, 30.8210, 48.8173



26.1841, 30.8210, 76.5599

Sweetspot

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



41.2198, 30.8226, 21.8663



79.5202, 77.2279, 78.1743



50.8163, 34.5985, 75.2338



16.5662, 15.8638, 15.8328



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.



41.2198, 30.8226, 21.8663



50.0681, 34.0973, 19.7288



48.9582, 46.3965, 24.1465



13.7125, 13.7026, 14.2562



17.9023, 9.2279, 0.8854



1.2428, 0.6404, 0.0713

Inverse Universe

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



41.2198, 30.8226, 21.8663



50.0681, 34.0973, 19.7288



36.5222, 39.7998, 76.9912



13.7125, 13.7026, 14.2562



17.9023, 9.2279, 0.8854



1.2428, 0.6404, 0.0713

Previews

White Background



This preview shows how the XYZ color 41.2190, 30.8210, 21.8657 looks on a white background.

Color Contrast Check

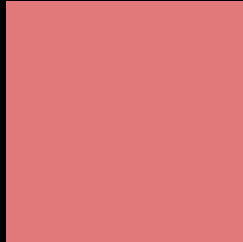
Large Text (above 18pt) WCAG AA × Fail

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 41.2190, 30.8210, 21.8657 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 41.2190, 30.8210, 21.8657

Background



This preview shows how black text looks on a background with the XYZ color 41.2190, 30.8210, 21.8657.



This preview shows how white text looks on a background with the XYZ color 41.2190, 30.8210,

21.8657.

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

41.2190, 30.8210, 21.8657

Protanopia

29.4152, 31.0789, 27.7410

Deuteranopia

31.4677, 30.8823, 21.1320



Tritanopia

41.5444, 30.7597, 24.1697

Trichromacy



Original Color

41.2190, 30.8210, 21.8657

Protanomaly

32.7662, 30.3399, 25.6020

Deuteranomaly

34.3223, 30.3857, 21.1956

Tritanomaly

41.3498, 30.6819, 23.1449

Monochromacy



Original Color

41.2190, 30.8210, 21.8657

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

32.7762, 30.2630, 29.3131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2190, 30.8210, 21.8657 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, 120, 121)` looks like.

```
.text, #text, p{  
    color:rgb(225, 120, 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(225, 120, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 120, 121) }
```

Border

The CSS property to change the border of an element to XYZ 41.2190, 30.8210, 21.8657 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, 120, 121) }
```


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

```
.border{ border-color:rgb(225, 120, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 120, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 120, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 120, 121);  
box-shadow:4px 4px 4px 4px rgb(225, 120,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2190, 30.8210, 21.8657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 120, 121) }
```

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

```
.background{ background-color: rgb(225,  
120, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor