

Converting Colors

XYZ(41.1709, 30.4731, 23.1107)

Have a look what the booklet for
XYZ(41.1709, 30.4731, 23.1107)
contains.

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Color

**XYZ(41.2314, 30.4451,
23.1054)**

Conversions

Conversions Part 1

Format	Color
Hex	E1767D
RGB	225, 118, 125
RGB Percent	88%, 46%, 49%
CMY	0.1176, 0.5372, 0.5098
CMYK	0.00, 0.48, 0.44, 0.12
HSL	356°, 64%, 67%
HSV	356°, 48%, 88%
XYZ	41.2314, 30.4451, 23.1054
YIQ	150.7910, 61.5250, 24.8610

Conversions

Conversions Part 2

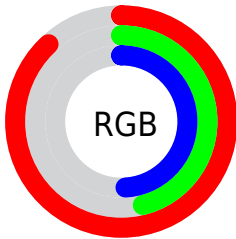
Format	Color
R _Y B	225, 118, 125
Decimal	14775933
CIE Lab	62.04, 42.14, 15.25
CIE LCh	62, 44.812, 19.899
Yxy	30.4451, 0.4350, 0.3212
Android (android.graphics.Color)	4292966013 (0xFFE1767D)
YUV	150.7910, -12.7150, 65.0813
Hunter-Lab	55.1771, 36.8253, 13.7963

Details

The XYZ color **41.2314, 30.4451, 23.1054** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **47.0529, 62.7645, 75.9683**, and the grayscale version is **29.3612, 30.8902, 33.6395**.

A 20% lighter version of the original color is **64.0284, 53.9794, 49.1639**, and **18.9786, 12.5252, 8.2548** is the 20% darker color. If you saturate the color by 10%, you get **37.6865, 25.2824, 15.9829**, and if you desaturate by 10%, it is **45.6942, 36.9884, 31.9375**.

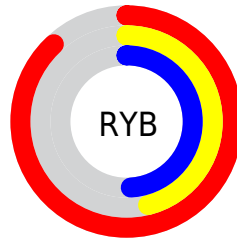
Distribution



Red (88%)

Green (46%)

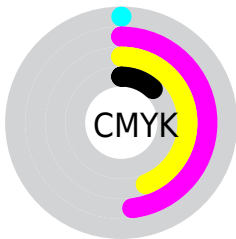
Blue (49%)



Red (88%)

Yellow (46%)

Blue (49%)

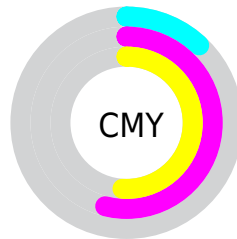


Cyan (0%)

Magenta (48%)

Yellow (44%)

Black (12%)



Cyan (12%)


Magenta (54%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.2314, 30.4451, 23.1054 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 41.2314, 30.4451, 23.1054 by changing the saturation by 10% instead.


 41.2314, 30.4451,
23.1054


 41.2314, 30.4451,
23.1054


342.3329,
303.9737, 281.4053


 28.6884, 20.1767,
14.4653


 76.3075, 60.3654,
49.4917

 18.9883, 12.5235,
8.3026


 99.5714, 80.7860,
68.0750

 11.7658, 7.1013,
4.1986


 127.1396,
105.3595, 90.8099

 6.6555, 3.5255,
1.7349

159.3774,
134.4702, 118.1147

 3.2920, 1.4119,
0.3845

196.6504,
168.5026, 150.4082

 1.3100, 0.2254,
0.0000

239.3237,

 0.1907, 0.0000,

207.8411, 188.1087

0.0000

287.7627,
252.8700, 231.6349

■ 0.0000, 0.0000,
0.0000

■ 41.2314, 30.4451,
23.1054

■ 41.2314, 30.4451,
23.1054

■ 37.6865, 25.2824,
15.9829

■ 45.6942, 36.9884,
31.9375

■ 34.9933, 21.3971,
10.4577

■ 51.1301, 44.9965,
42.5783

■ 33.0807, 18.6791,
6.4069


■ 57.5930, 54.5525,
55.1211


■ 31.8649, 16.9976,
3.6887


■ 65.1319, 65.7318,
69.6526

■ 31.2360, 16.1770,
2.1312

■ 73.7928, 78.6050,
86.2539

 31.1354, 16.0411,
1.8963

 83.6189, 93.2384,
105.0018

 84.8612, 94.7475,
108.4232

Harmonies

Analogous

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



41.8822, 30.4451, 39.3046



41.2314, 30.4451, 23.1054



37.0445, 30.4451, 13.7201

Triad

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



41.2314, 30.4451, 23.1054



20.9614, 30.4451, 16.0639



26.9558, 30.4451, 77.6206

Complementary

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



41.2314, 30.4451, 23.1054



47.0529, 62.7645, 75.9683

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.



22.1084, 30.4451, 65.4886



41.2314, 30.4451, 23.1054



18.9790, 30.4451, 27.6731

Square

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



41.2314, 30.4451, 23.1054



25.1764, 30.4451, 10.7401



19.3676, 30.4451, 45.7498



33.0549, 30.4451, 75.0671

Rectangle

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



41.2314, 30.4451, 23.1054



33.0967, 30.4451, 10.7589



19.3676, 30.4451, 45.7498



25.1416, 30.4451, 74.9983

Sweetspot

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



41.2322, 30.4467, 23.1060



79.7856, 77.3340, 79.5719



48.9434, 33.2796, 75.0779



16.6297, 15.8892, 16.1672



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.



41.2322, 30.4467, 23.1060



50.1171, 33.6720, 21.3584



47.6635, 43.9993, 23.1223



13.7434, 13.7150, 14.4189



17.9565, 9.2496, 1.1710



1.2576, 0.6463, 0.1494

Inverse Universe

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



41.2322, 30.4467, 23.1060



50.1171, 33.6720, 21.3584



37.1100, 41.3828, 77.2656



13.7434, 13.7150, 14.4189



17.9565, 9.2496, 1.1710



1.2576, 0.6463, 0.1494

Previews

White Background



This preview shows how the XYZ color 41.2314, 30.4451, 23.1054 looks on a white background.

Color Contrast Check

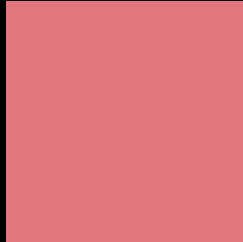
Large Text (above 18pt) WCAG AA × Fail

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 41.2314, 30.4451, 23.1054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

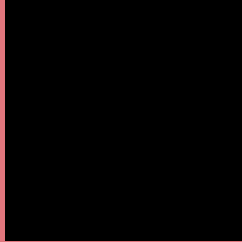
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2314, 30.4451, 23.1054

Background



This preview shows how black text looks on a background with the XYZ color 41.2314, 30.4451, 23.1054.



This preview shows how white text looks on a background with the XYZ color 41.2314, 30.4451,

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

41.2314, 30.4451, 23.1054

Protanopia

29.2316, 30.7043, 29.5852

Deuteranopia

31.0426, 30.4165, 22.0042



Tritanopia

41.2957, 30.4708, 23.4436

Trichromacy



Original Color

41.2314, 30.4451, 23.1054

Protanomaly

32.2840, 29.6295, 26.9392

Deuteranomaly

34.1691, 30.0705, 22.4156

Tritanomaly

41.2957, 30.4708, 23.4436

Monochromacy



Original Color

41.2314, 30.4451, 23.1054

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

32.4752, 29.8832, 29.6476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2314, 30.4451, 23.1054 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, 125)` looks like.

```
.text, #text, p{  
    color:rgb(225, 118, 125)  
}
```

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, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 118, 125) }
```

Border

The CSS property to change the border of an element to XYZ 41.2314, 30.4451, 23.1054 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, 125) }
```


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

```
.border{ border-color:rgb(225, 118, 125) }
```

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, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 118, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 118, 125);  
box-shadow:4px 4px 4px 4px rgb(225, 118,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2314, 30.4451, 23.1054 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, 125) }
```

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

```
.background{ background-color: rgb(225,  
118, 125) }
```

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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