

Converting Colors

XYZ(40.7406, 30.1771, 23.7562)

Have a look what the booklet for
XYZ(40.7406, 30.1771, 23.7562)
contains.

XYZ(40.7406, 30.1771, 23.7562)	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(40.7406, 30.1771,
23.7562)**

Conversions

Conversions Part 1

Format	Color
Hex	DF767F
RGB	223, 118, 127
RGB Percent	87%, 46%, 50%
CMY	0.1255, 0.5372, 0.5020
CMYK	0.00, 0.47, 0.43, 0.13
HSL	355°, 62%, 67%
HSV	355°, 47%, 87%
XYZ	40.7406, 30.1771, 23.7562
YIQ	150.4210, 59.6910, 25.0590

Conversions

Conversions Part 2

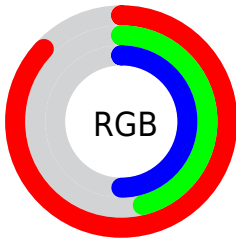
Format	Color
R _Y B	223, 118, 127
Decimal	14644863
CIE Lab	61.81, 41.62, 13.75
CIE LCh	62, 43.831, 18.279
Yxy	30.1771, 0.4303, 0.3187
Android (android.graphics.Color)	4292834943 (0xFFDF767F)
YUV	150.4210, -11.5466, 63.6518
Hunter-Lab	54.9337, 36.2474, 12.8135

Details

The XYZ color **40.7406, 30.1771, 23.7562** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **45.9980, 61.4826, 73.0648**, and the grayscale version is **29.1989, 30.7196, 33.4536**.

A 20% lighter version of the original color is **64.2307, 54.0603, 50.2294**, and **18.6332, 12.3390, 8.6073** is the 20% darker color. If you saturate the color by 10%, you get **37.2209, 25.0536, 16.6770**, and if you desaturate by 10%, it is **45.1515, 36.6526, 32.4596**.

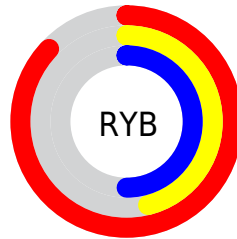
Distribution



Red (87%)

Green (46%)

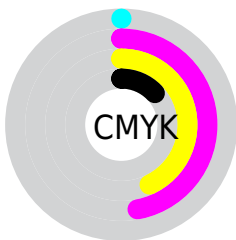
Blue (50%)



Red (87%)

Yellow (46%)

Blue (50%)

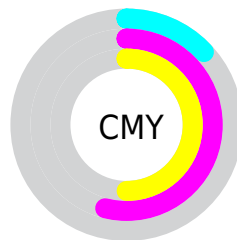


Cyan (0%)

Magenta (47%)

Yellow (43%)

Black (13%)



Cyan (13%)


Magenta (54%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.7406, 30.1771, 23.7562 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 40.7406, 30.1771, 23.7562 by changing the saturation by 10% instead.


 40.7406, 30.1771,
23.7562


 40.7406, 30.1771,
23.7562


340.3164,
302.7291, 284.8323

 28.3032, 19.9731,
14.9423


 75.5672, 59.9421,
50.5709

 18.6960, 12.3755,
8.6328


 98.6870, 80.2719,
69.4088

 11.5535, 6.9999,
4.4089


 126.0985,
104.7457, 92.4252

 6.5105, 3.4621,
1.8522

158.1668,
133.7480, 120.0385

 3.2015, 1.3774,
0.4621

195.2575,
167.6630, 152.6673

 1.2612, 0.2000,
0.0000

237.7357,

 0.1539, 0.0000,

206.8753, 190.7302

0.0000

285.9669,
251.7692, 234.6457

■ 0.0000, 0.0000,
0.0000

■ 40.7406, 30.1771,
23.7562

■ 40.7406, 30.1771,
23.7562

■ 37.2209, 25.0536,
16.6770

■ 45.1515, 36.6526,
32.4596

■ 34.5294, 21.1821,
11.1197

■ 50.5062, 44.5617,
42.8778

■ 32.5983, 18.4563,
6.9727


■ 56.8562, 53.9848,
55.0964


■ 31.3482, 16.7501,
4.1084


■ 64.2483, 64.9953,
69.1950

■ 30.6780, 15.8996,
2.3747

■ 72.7267, 77.6614,
85.2484

 30.5498, 15.7353,
2.0478

 82.3327, 92.0478,
103.3272

 84.2414, 94.4279,
108.3942

Harmonies

Analogous

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



41.1627, 30.1771, 39.8444



40.7406, 30.1771, 23.7562



36.8363, 30.1771, 14.2047

Triad

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



40.7406, 30.1771, 23.7562



21.0809, 30.1771, 15.7467



26.4580, 30.1771, 75.5573

Complementary

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



40.7406, 30.1771, 23.7562



45.9980, 61.4826, 73.0648

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.



21.8304, 30.1771, 63.2354



40.7406, 30.1771, 23.7562



19.0202, 30.1771, 26.7396

Square

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



40.7406, 30.1771, 23.7562



25.2979, 30.1771, 10.7827



19.2745, 30.1771, 44.0295



32.3561, 30.1771, 73.9083

Rectangle

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



40.7406, 30.1771, 23.7562



33.0489, 30.1771, 11.1006



19.2745, 30.1771, 44.0295



24.7186, 30.1771, 72.7780

Sweetspot

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



40.7414, 30.1786, 23.7568



79.8828, 77.3729, 80.0835



47.0943, 32.3576, 73.5754



16.6529, 15.8985, 16.2898



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.



40.7414, 30.1786, 23.7568



50.7218, 34.3588, 23.1714



46.2732, 42.1390, 22.8363



13.7547, 13.7195, 14.4783



17.9799, 9.2590, 1.2942



1.2630, 0.6485, 0.1778

Inverse Universe

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



40.7414, 30.1786, 23.7568



50.7218, 34.3588, 23.1714



37.3157, 42.2284, 75.9961



13.7547, 13.7195, 14.4783



17.9799, 9.2590, 1.2942



1.2630, 0.6485, 0.1778

Previews

White Background



This preview shows how the XYZ color 40.7406, 30.1771, 23.7562 looks on a white background.

Color Contrast Check

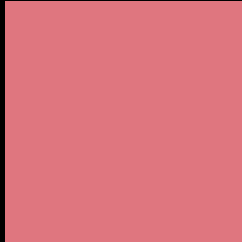
Large Text (above 18pt) WCAG AA × Fail

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 40.7406, 30.1771, 23.7562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

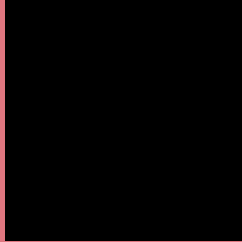
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.7406, 30.1771, 23.7562

Background



This preview shows how black text looks on a background with the XYZ color 40.7406, 30.1771, 23.7562.



This preview shows how white text looks on a background with the XYZ color 40.7406, 30.1771,

23.7562.

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

40.7406, 30.1771, 23.7562

Protanopia

29.0318, 30.3481, 30.3142

Deuteranopia

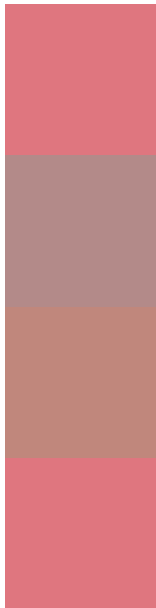
31.0040, 30.3752, 22.9678



Tritanopia

40.7406, 30.1771, 23.7562

Trichromacy



Original Color

40.7406, 30.1771, 23.7562

Protanomaly

32.1942, 29.5668, 27.6771

Deuteranomaly

34.0403, 29.9896, 23.0632

Tritanomaly

40.7406, 30.1771, 23.7562

Monochromacy



Original Color

40.7406, 30.1771, 23.7562

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

32.1024, 29.4771, 29.5888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.7406, 30.1771, 23.7562 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(223, 118, 127)` looks like.

```
.text, #text, p{  
    color:rgb(223, 118, 127)  
}
```

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(223, 118, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 118, 127) }
```

Border

The CSS property to change the border of an element to XYZ 40.7406, 30.1771, 23.7562 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(223, 118, 127) }
```


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

```
.border{ border-color:rgb(223, 118, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 118, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 118, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 118, 127);  
box-shadow:4px 4px 4px 4px rgb(223, 118,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 40.7406, 30.1771, 23.7562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 118, 127) }
```

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

```
.background{ background-color: rgb(223,  
118, 127) }
```

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