

Converting Colors

XYZ(38.3356, 23.7344, 26.8631)

Have a look what the booklet for
XYZ(38.3356, 23.7344, 26.8631)
contains.

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Color

**XYZ(38.4180, 23.7460,
26.9847)**

Conversions

Conversions Part 1

Format	Color
Hex	E0528B
RGB	224, 82, 139
RGB Percent	88%, 32%, 55%
CMY	0.1216, 0.6784, 0.4549
CMYK	0.00, 0.63, 0.38, 0.12
HSL	336°, 70%, 60%
HSV	336°, 63%, 88%
XYZ	38.4180, 23.7460, 26.9847
YIQ	130.9560, 66.3350, 47.8310

Conversions

Conversions Part 2

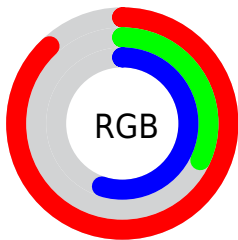
Format	Color
R _Y B	224, 82, 139
Decimal	14701195
CIE Lab	55.83, 60.06, -1.78
CIE LCh	56, 60.091, 358.305
Yxy	23.7460, 0.4309, 0.2664
Android (android.graphics.Color)	4292891275 (0xFFE0528B)
YUV	130.9560, 3.9657, 81.5996
Hunter-Lab	48.7299, 55.4498, 1.2784

Details

The XYZ color **38.4180, 23.7460, 26.9847** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **37.1119, 57.8959, 45.7821**, and the grayscale version is **21.5285, 22.6497, 24.6655**.

A 20% lighter version of the original color is **59.8429, 43.2427, 55.0618**, and **17.2445, 8.8767, 10.2557** is the 20% darker color. If you saturate the color by 10%, you get **36.0755, 20.5340, 21.6628**, and if you desaturate by 10%, it is **41.4331, 28.1108, 33.1242**.

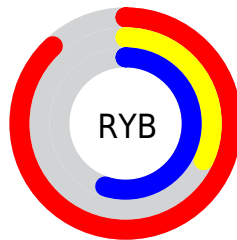
Distribution



Red (88%)

Green (32%)

Blue (55%)



Red (88%)

Yellow (32%)

Blue (55%)

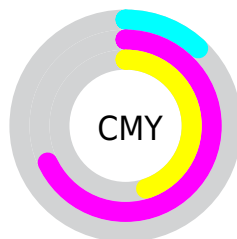


Cyan (0%)

Magenta (63%)

Yellow (38%)

Black (12%)



Cyan (12%)


Magenta (68%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.4180, 23.7460, 26.9847 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 38.4180, 23.7460, 26.9847 by changing the saturation by 10% instead.


 38.4180, 23.7460,
26.9847


 38.4180, 23.7460,
26.9847


330.6596,
271.5338, 301.3409

 26.4860, 15.1453,
17.3294

 72.0481, 49.6154,
55.8628


 17.3221, 8.9214,
10.3052


 94.4770, 67.6529,
75.9226

 10.5611, 4.6900,
5.4935


 121.1354, 89.6048,
100.2877

 5.8377, 2.0665,
2.4759

 152.3889,
115.8554, 129.3766

 2.7863, 0.6457,
0.8273

188.6026,
146.7893, 163.6078

 1.0418, 0.0000,
0.0000

230.1421,

 0.0000, 0.0000,

182.7907, 203.3999

0.0000

277.3727,
224.2441, 249.1714

■ 38.4180, 23.7460,
26.9847

■ 38.4180, 23.7460,
26.9847

■ 36.0755, 20.5340,
21.6628

■ 41.4331, 28.1108,
33.1242

■ 34.3433, 18.3574,
17.1157

■ 45.1715, 33.7232,
40.1178

■ 33.1499, 17.0801,
13.2972

■ 49.6807, 40.6721,
48.0009

■ 32.5820, 16.5839,
11.1362

■ 55.0038, 49.0376,
56.8064

■ 61.1804, 58.8931,
66.5650

■ 68.2474, 70.3071,
77.3063

■ 76.2396, 83.3437,
89.0582

■ 83.1771, 94.0380,
101.1766

■ 84.5505, 94.5873,
108.4086

Harmonies

Analogous

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



35.6989, 23.7460, 51.0976



38.4180, 23.7460, 26.9847



36.2292, 23.7460, 11.8010

Triad

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



38.4180, 23.7460, 26.9847



16.8947, 23.7460, 4.8595



16.3457, 23.7460, 72.9159

Complementary

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



38.4180, 23.7460, 26.9847



37.1119, 57.8959, 45.7821

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.



12.8644, 23.7460, 48.1207



38.4180, 23.7460, 26.9847



13.1335, 23.7460, 10.6944

Square

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



38.4180, 23.7460, 26.9847



22.9608, 23.7460, 3.5319



11.8180, 23.7460, 24.7580



22.1834, 23.7460, 84.6673

Rectangle

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



38.4180, 23.7460, 26.9847



32.4878, 23.7460, 6.7052



11.8180, 23.7460, 24.7580



14.9088, 23.7460, 65.3676

Sweetspot

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



38.4187, 23.7473, 26.9851



77.1710, 71.1587, 81.6168



31.9556, 19.3995, 72.5813



16.0226, 14.4433, 16.6796



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.



38.4187, 23.7473, 26.9851



47.5787, 26.4826, 27.0250



36.2524, 24.4338, 10.7898



13.9340, 13.7912, 15.4228



19.0184, 9.6744, 6.7628



1.3617, 0.6879, 0.6973

Inverse Universe

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



38.4187, 23.7473, 26.9851



47.5787, 26.4826, 27.0250



40.5203, 54.3468, 78.8754



13.9340, 13.7912, 15.4228



19.0184, 9.6744, 6.7628



1.3617, 0.6879, 0.6973

Previews

White Background



This preview shows how the XYZ color 38.4180, 23.7460, 26.9847 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 38.4180, 23.7460, 26.9847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

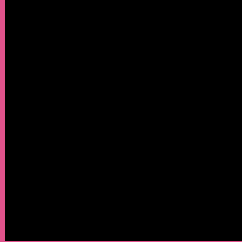
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 38.4180, 23.7460, 26.9847

Background



This preview shows how black text looks on a background with the XYZ color 38.4180, 23.7460, 26.9847.



This preview shows how white text looks on a background with the XYZ color 38.4180, 23.7460,

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

38.4180, 23.7460, 26.9847

Protanopia

24.1957, 24.0753, 41.8998

Deuteranopia

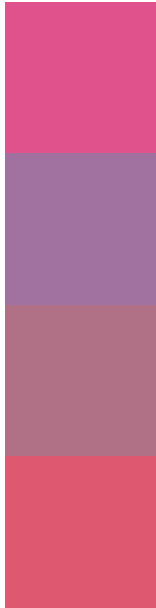
24.3602, 23.9271, 25.1643



Tritanopia

35.7175, 23.7174, 14.0047

Trichromacy



Original Color

38.4180, 23.7460, 26.9847

Protanomaly

26.9733, 22.1149, 35.6478

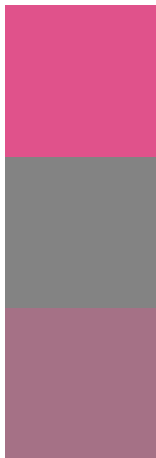
Deuteranomaly

28.1828, 22.7896, 25.8351

Tritanomaly

36.5386, 23.6789, 17.9739

Monochromacy



Original Color

38.4180, 23.7460, 26.9847

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

25.7253, 21.5308, 25.3543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4180, 23.7460, 26.9847 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(224, 82, 139)` looks like.

```
.text, #text, p{  
    color:rgb(224, 82, 139)  
}
```

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(224, 82, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 82, 139) }
```

Border

The CSS property to change the border of an element to XYZ 38.4180, 23.7460, 26.9847 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(224, 82, 139) }
```


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

```
.border{ border-color:rgb(224, 82, 139) }
```

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

Here you see how a box with a 4 pixel rgb(224, 82, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 82, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 82, 139);  
box-shadow:4px 4px 4px 4px rgb(224, 82,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4180, 23.7460, 26.9847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 82, 139) }
```

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

```
.background{ background-color: rgb(224, 82,  
139) }
```

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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