

Converting Colors

XYZ(38.6607, 22.9107, 29.5486)

Have a look what the booklet for
XYZ(38.6607, 22.9107, 29.5486)
contains.

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Color

**XYZ(38.6222, 22.8480,
29.5686)**

Conversions

Conversions Part 1

Format	Color
Hex	E14992
RGB	225, 73, 146
RGB Percent	88%, 29%, 57%
CMY	0.1176, 0.7137, 0.4274
CMYK	0.00, 0.68, 0.35, 0.12
HSL	331°, 72%, 58%
HSV	331°, 68%, 88%
XYZ	38.6222, 22.8480, 29.5686
YIQ	126.7700, 67.1590, 54.9270

Conversions

Conversions Part 2

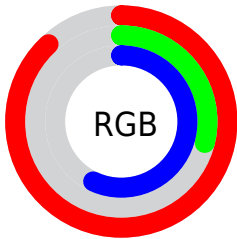
Format	Color
R _Y B	225, 73, 146
Decimal	14764434
CIE Lab	54.92, 64.67, -7.25
CIE LCh	55, 65.077, 353.606
Yxy	22.8480, 0.4242, 0.2510
Android (android.graphics.Color)	4292954514 (0xFFE14992)
YUV	126.7700, 9.4804, 86.1477
Hunter-Lab	47.7996, 60.5792, -3.2168

Details

The XYZ color **38.6222, 22.8480, 29.5686** 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 **35.3418, 57.5346, 38.9522**, and the grayscale version is **20.0477, 21.0917, 22.9689**.

A 20% lighter version of the original color is **59.7816, 41.6627, 59.5345**, and **17.6284, 8.8439, 11.8442** is the 20% darker color. If you saturate the color by 10%, you get **36.5383, 20.0623, 24.6128**, and if you desaturate by 10%, it is **41.3349, 26.7422, 35.1935**.

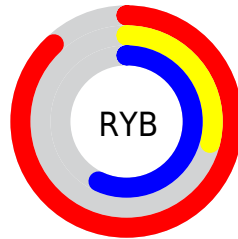
Distribution



Red (88%)

Green (29%)

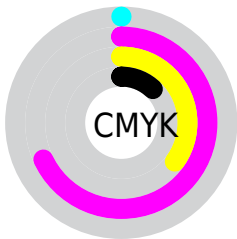
Blue (57%)



Red (88%)

Yellow (29%)

Blue (57%)

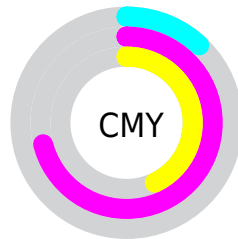


Cyan (0%)

Magenta (68%)

Yellow (35%)

Black (12%)



Cyan (12%)


Magenta (71%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.6222, 22.8480, 29.5686 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 38.6222, 22.8480, 29.5686 by changing the saturation by 10% instead.

 38.6222, 22.8480,
29.5686


 38.6222, 22.8480,
29.5686


331.5165,
266.9433, 314.0329

 26.6454, 14.4813,
19.2621


 72.3586, 48.1436,
60.0322


 17.4423, 8.4562,
11.6811


 94.8488, 65.8413,
81.0264


 10.6476, 4.3882,
6.4070


 121.5743, 87.4182,
106.4202

 5.8959, 1.8930,
3.0214

 152.9002,
113.2586, 136.6322

 2.8219, 0.5442,
1.1056

 189.1920,
143.7469, 172.0809

 1.0603, 0.0000,
0.0000

230.8151,

 0.0000, 0.0000,

179.2675, 213.1849

0.0000

278.1348,
220.2049, 260.3627

■ 38.6222, 22.8480,
29.5686

■ 38.6222, 22.8480,
29.5686

■ 36.5383, 20.0623,
24.6128

■ 41.3349, 26.7422,
35.1935

■ 35.0177, 18.2588,
20.2901

■ 44.7290, 31.8459,
41.5177


■ 33.9758, 17.2730,
16.5580


■ 48.8532, 38.2526,
48.5703


■ 33.7609, 17.0914,
15.7216


■ 53.7513, 46.0457,
56.3779

■ 59.4631, 55.3014,
64.9656

 66.0261, 66.0905,
74.3571

 73.4748, 78.4790,
84.5750

 81.8422, 92.5291,
95.6409

 84.2639, 94.5086,
105.2769

Harmonies

Analogous

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



34.9039, 22.8480, 56.6731



38.6222, 22.8480, 29.5686



37.0665, 22.8480, 12.1201

Triad

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



38.6222, 22.8480, 29.5686



16.6221, 22.8480, 3.3447



14.4825, 22.8480, 72.5088

Complementary

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



38.6222, 22.8480, 29.5686



35.3418, 57.5346, 38.9522

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.



11.3250, 22.8480, 44.4158



38.6222, 22.8480, 29.5686



12.3555, 22.8480, 7.9682

Square

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



38.6222, 22.8480, 29.5686



23.2979, 22.8480, 2.6004



10.6431, 22.8480, 20.7110



20.2081, 22.8480, 88.9153

Rectangle

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



38.6222, 22.8480, 29.5686



33.3875, 22.8480, 6.3072



10.6431, 22.8480, 20.7110



13.1417, 22.8480, 63.5622

Sweetspot

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



38.6229, 22.8492, 29.5690



76.9049, 70.0745, 83.2298



28.8363, 16.8335, 72.9635



15.9946, 14.2423, 17.1173



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.



38.6229, 22.8492, 29.5690



47.6325, 25.5377, 30.2875



34.8073, 21.5948, 8.6386



13.9800, 13.8096, 15.6650



19.5130, 9.8722, 9.3670



1.3976, 0.7023, 0.8866

Inverse Universe

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



38.6229, 22.8492, 29.5690



47.6325, 25.5377, 30.2875



42.5844, 59.3440, 80.4443



13.9800, 13.8096, 15.6650



19.5130, 9.8722, 9.3670



1.3976, 0.7023, 0.8866

Previews

White Background



This preview shows how the XYZ color 38.6222, 22.8480, 29.5686 looks on a white background.

Color Contrast Check

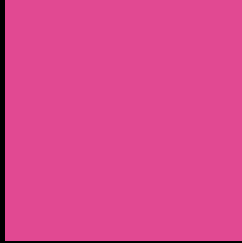
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.6222, 22.8480, 29.5686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

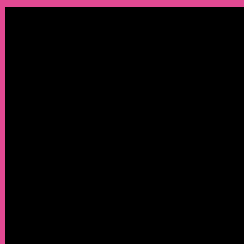
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 38.6222, 22.8480, 29.5686

Background



This preview shows how black text looks on a background with the XYZ color 38.6222, 22.8480, 29.5686.



This preview shows how white text looks on a background with the XYZ color 38.6222, 22.8480,

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

38.6222, 22.8480, 29.5686

Protanopia

23.8368, 23.1390, 48.5573

Deuteranopia

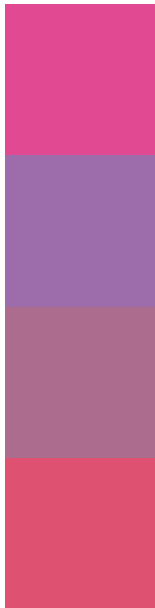
23.4619, 23.0241, 27.2523



Tritanopia

35.0783, 22.8004, 12.6773

Trichromacy



Original Color

38.6222, 22.8480, 29.5686

Protanomaly

26.4346, 20.9075, 40.6725

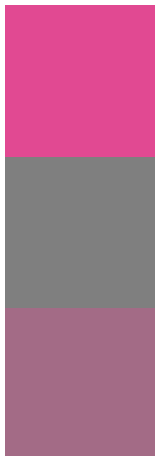
Deuteranomaly

27.1835, 21.4189, 27.9008

Tritanomaly

35.9913, 22.5843, 17.7915

Monochromacy



Original Color

38.6222, 22.8480, 29.5686

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

24.6650, 20.0232, 25.1191

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6222, 22.8480, 29.5686 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, 73, 146)` looks like.

```
.text, #text, p{  
    color:rgb(225, 73, 146)  
}
```

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, 73, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 73, 146) }
```

Border

The CSS property to change the border of an element to XYZ 38.6222, 22.8480, 29.5686 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, 73, 146) }
```


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

```
.border{ border-color:rgb(225, 73, 146) }
```

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

Here you see how a box with a 4 pixel rgb(225, 73, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 73, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 73, 146);  
box-shadow:4px 4px 4px 4px rgb(225, 73,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6222, 22.8480, 29.5686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 73, 146) }
```

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

```
.background{ background-color: rgb(225, 73,  
146) }
```

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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