

Converting Colors

XYZ(37.9938, 22.6872, 26.8801)

Have a look what the booklet for
XYZ(37.9938, 22.6872, 26.8801)
contains.

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Color

**XYZ(37.8494, 22.6089,
26.7952)**

Conversions

Conversions Part 1

Format	Color
Hex	E04A8B
RGB	224, 74, 139
RGB Percent	88%, 29%, 55%
CMY	0.1216, 0.7098, 0.4549
CMYK	0.00, 0.67, 0.38, 0.12
HSL	334°, 71%, 58%
HSV	334°, 67%, 88%
XYZ	37.8494, 22.6089, 26.7952
YIQ	126.2600, 68.5350, 52.0150

Conversions

Conversions Part 2

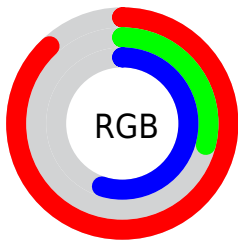
Format	Color
R_{YB}	224, 74, 139
Decimal	14699147
CIE _{Lab}	54.67, 63.26, -3.49
CIE _{LCh}	55, 63.352, 356.840
Yxy	22.6089, 0.4338, 0.2591
Android (android.graphics.Color)	4292889227 (0xFFE04A8B)
YUV	126.2600, 6.2808, 85.7180
Hunter-Lab	47.5488, 58.8776, -0.1275

Details

The XYZ color **37.8494, 22.6089, 26.7952** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **35.7391, 57.2709, 41.9754**, and the grayscale version is **19.8838, 20.9193, 22.7811**.

A 20% lighter version of the original color is **59.0057, 41.5683, 54.7827**, and **17.1130, 8.6138, 10.2119** is the 20% darker color. If you saturate the color by 10%, you get **35.7367, 19.7828, 21.7775**, and if you desaturate by 10%, it is **40.6032, 26.5448, 32.5584**.

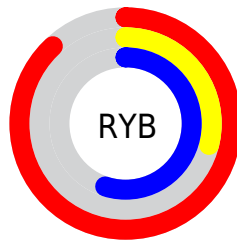
Distribution



Red (88%)

Green (29%)

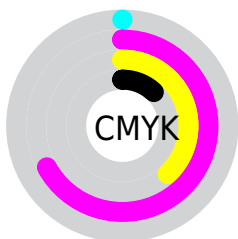
Blue (55%)



Red (88%)

Yellow (29%)

Blue (55%)

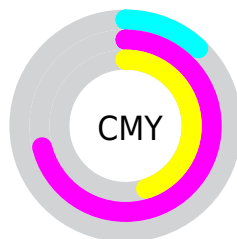


Cyan (0%)

Magenta (67%)

Yellow (38%)

Black (12%)



Cyan (12%)


Magenta (71%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.8494, 22.6089, 26.7952 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 37.8494, 22.6089, 26.7952 by changing the saturation by 10% instead.

 37.8494, 22.6089,
26.7952


 37.8494, 22.6089,
26.7952


328.2655,
265.7098, 300.3929


 26.0425, 14.3050,
17.1884

 71.1826, 47.7503,
55.5548


 16.9883, 8.3331,
10.2055


 93.4397, 65.3567,
75.5447


 10.3214, 4.3088,
5.4281


 119.9108, 86.8326,
99.8326

 5.6765, 1.8478,
2.4374

 150.9615,
112.5625, 128.8372

 2.6881, 0.5167,
0.8067

 186.9569,
142.9307, 162.9770

 0.9911, 0.0000,
0.0000

228.2625,

 0.0000, 0.0000,

178.3218, 202.6705

0.0000

275.2436,
219.1200, 248.3363

■ 37.8494, 22.6089,
26.7952

■ 37.8494, 22.6089,
26.7952

■ 35.7367, 19.7828,
21.7775

■ 40.6032, 26.5448,
32.5584

■ 34.2002, 17.9424,
17.4649

■ 44.0505, 31.6899,
39.1013


■ 33.1593, 16.9331,
13.8117


■ 48.2402, 38.1363,
46.4566


■ 32.9009, 16.7115,
12.8155


■ 53.2158, 45.9663,
54.6548

■ 59.0177, 55.2554,
63.7244

 65.6830, 66.0734,
73.6924

 73.2468, 78.4857,
84.5845

 81.7420, 92.5539,
96.4254

 84.2693, 94.4748,
106.9285

Harmonies

Analogous

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



34.7814, 22.6089, 52.1609



37.8494, 22.6089, 26.7952



35.8102, 22.6089, 11.0314

Triad

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



37.8494, 22.6089, 26.7952



15.9860, 22.6089, 3.7921



14.9578, 22.6089, 72.7864

Complementary

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



37.8494, 22.6089, 26.7952



35.7391, 57.2709, 41.9754

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.



11.6083, 22.6089, 46.3435



37.8494, 22.6089, 26.7952



12.1055, 22.6089, 9.0207

Square

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



37.8494, 22.6089, 26.7952



22.2367, 22.6089, 2.7367



10.6891, 22.6089, 22.5606



20.7584, 22.6089, 86.3089

Rectangle

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



37.8494, 22.6089, 26.7952



32.0274, 22.6089, 5.8874



10.6891, 22.6089, 22.5606



13.5604, 22.6089, 64.5949

Sweetspot

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



37.8500, 22.6101, 26.7956



76.5739, 69.9421, 81.4867



30.2027, 17.6519, 72.3362



15.9157, 14.2107, 16.7014



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.



37.8500, 22.6101, 26.7956



47.1129, 25.5033, 27.0168



35.1477, 22.6837, 9.0061



13.9526, 13.7987, 15.5206



19.2061, 9.7494, 7.7508



1.3756, 0.6935, 0.7705

Inverse Universe

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



37.8500, 22.6101, 26.7956



47.1129, 25.5033, 27.0168



40.3259, 54.9314, 78.9983



13.9526, 13.7987, 15.5206



19.2061, 9.7494, 7.7508



1.3756, 0.6935, 0.7705

Previews

White Background



This preview shows how the XYZ color 37.8494, 22.6089, 26.7952 looks on a white background.

Color Contrast Check

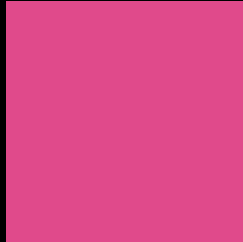
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.8494, 22.6089, 26.7952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

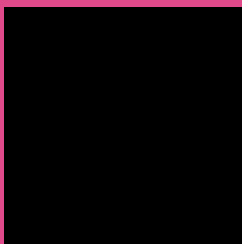
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 37.8494, 22.6089, 26.7952

Background



This preview shows how black text looks on a background with the XYZ color 37.8494, 22.6089, 26.7952.



This preview shows how white text looks on a background with the XYZ color 37.8494, 22.6089,

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

37.8494, 22.6089, 26.7952

Protanopia

23.3282, 22.9823, 43.7639

Deuteranopia

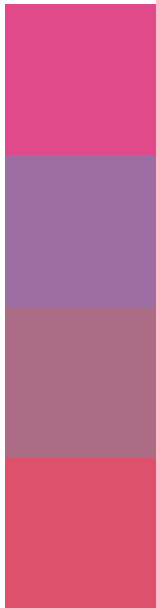
23.1877, 22.7467, 24.6412



Tritanopia

34.9556, 22.6245, 12.4221

Trichromacy



Original Color

37.8494, 22.6089, 26.7952

Protanomaly

26.0021, 20.9286, 36.8516

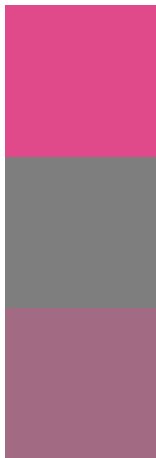
Deuteranomaly

26.8992, 21.3306, 25.2537

Tritanomaly

35.7734, 22.4972, 16.6443

Monochromacy



Original Color

37.8494, 22.6089, 26.7952

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

24.2547, 19.8355, 24.0230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.8494, 22.6089, 26.7952 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, 74, 139)` looks like.

```
.text, #text, p{  
    color:rgb(224, 74, 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, 74, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 74, 139) }
```

Border

The CSS property to change the border of an element to XYZ 37.8494, 22.6089, 26.7952 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, 74, 139) }
```


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

```
.border{ border-color:rgb(224, 74, 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, 74, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 74, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 74, 139);  
box-shadow:4px 4px 4px 4px rgb(224, 74,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 37.8494, 22.6089, 26.7952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 74, 139) }
```

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

```
.background{ background-color: rgb(224, 74,  
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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