

Converting Colors

XYZ(39.4241, 23.9756, 29.6510)

Have a look what the booklet for
XYZ(39.4241, 23.9756, 29.6510)
contains.

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Color

**XYZ(39.4210, 23.9814,
29.7453)**

Conversions

Conversions Part 1

Format	Color
Hex	E25092
RGB	226, 80, 146
RGB Percent	89%, 31%, 57%
CMY	0.1137, 0.6862, 0.4274
CMYK	0.00, 0.65, 0.35, 0.11
HSL	333°, 72%, 60%
HSV	333°, 65%, 89%
XYZ	39.4210, 23.9814, 29.7453
YIQ	131.1780, 65.8300, 51.4780

Conversions

Conversions Part 2

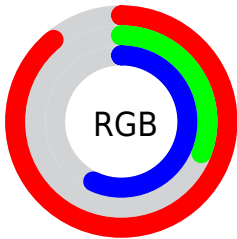
Format	Color
R _Y B	226, 80, 146
Decimal	14831762
CIE _{Lab}	56.07, 62.23, -5.52
CIE _{LCh}	56, 62.479, 354.936
Yxy	23.9814, 0.4232, 0.2575
Android (android.graphics.Color)	4293021842 (0xFFE25092)
YUV	131.1780, 7.3072, 83.1589
Hunter-Lab	48.9708, 57.9918, -1.7337

Details

The XYZ color **39.4210, 23.9814, 29.7453** 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 **36.8512, 58.6369, 42.6372**, and the grayscale version is **21.5964, 22.7211, 24.7432**.

A 20% lighter version of the original color is **60.6110, 43.3215, 59.8109**, and **17.8698, 9.0166, 11.8649** is the 20% darker color. If you saturate the color by 10%, you get **37.1238, 20.8461, 24.4813**, and if you desaturate by 10%, it is **42.3802, 28.2735, 35.7453**.

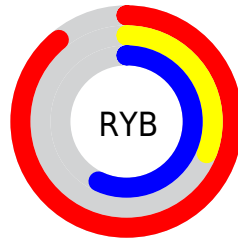
Distribution



Red (89%)

Green (31%)

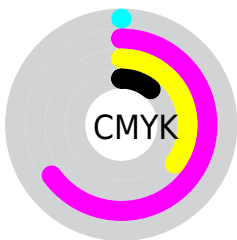
Blue (57%)



Red (89%)

Yellow (31%)

Blue (57%)

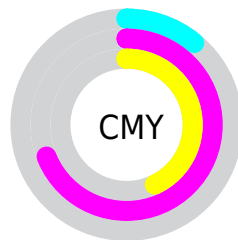


Cyan (0%)

Magenta (65%)

Yellow (35%)

Black (11%)



Cyan (11%)


Magenta (69%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4210, 23.9814, 29.7453 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 39.4210, 23.9814, 29.7453 by changing the saturation by 10% instead.


 39.4210, 23.9814,
29.7453


 39.4210, 23.9814,
29.7453

334.8535,
272.7264, 314.8857


 27.2696, 15.3198,
19.3949


 73.5710, 49.9998,
60.3154


 17.9134, 9.0442,
11.7763


 96.3003, 68.1255,
81.3722

 10.9872, 4.7700,
6.4709


 123.2862, 90.1746,
106.8349

 6.1254, 2.1129,
3.0601

 154.8942,
116.5317, 137.1220

 2.9629, 0.6719,
1.1254

191.4896,
147.5810, 172.6521

 1.1342, 0.0000,
0.0000

233.4377,

 0.0534, 0.0000,

183.7069, 213.8437

0.0000

281.1039,
225.2940, 261.1154

■ 0.0000, 0.0000,
0.0000

■ 39.4210, 23.9814,
29.7453

■ 39.4210, 23.9814,
29.7453

■ 37.1238, 20.8461,
24.4813

■ 42.3802, 28.2735,
35.7453

■ 35.4249, 18.7458,
19.9151

■ 46.0528, 33.8203,
42.5134

■ 34.2502, 17.5376,
16.0050

■ 50.4871, 40.7138,
50.0810

■ 33.7702, 17.1312,
14.1383

■ 55.7267, 49.0361,
58.4767

■ 61.8114, 58.8627,
67.7278

■ 68.7786, 70.2637,
77.8599

■ 76.6631, 83.3048,
88.8977

■ 83.6168, 94.2859,
100.2375

■ 85.1740, 94.9088,
108.4378

Harmonies

Analogous

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



36.0056, 23.9814, 55.9061



39.4210, 23.9814, 29.7453



37.6775, 23.9814, 12.7772

Triad

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



39.4210, 23.9814, 29.7453



17.4730, 23.9814, 4.2050



15.7702, 23.9814, 73.4399

Complementary

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



39.4210, 23.9814, 29.7453



36.8512, 58.6369, 42.6372

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.



12.4586, 23.9814, 46.4867



39.4210, 23.9814, 29.7453



13.2880, 23.9814, 9.3905

Square

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



39.4210, 23.9814, 29.7453



24.0294, 23.9814, 3.2473



11.6554, 23.9814, 22.7867



21.6010, 23.9814, 88.2775

Rectangle

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



39.4210, 23.9814, 29.7453



33.9815, 23.9814, 7.0020



11.6554, 23.9814, 22.7867



14.3781, 23.9814, 64.9819

Sweetspot

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



39.4217, 23.9827, 29.7457



77.5102, 71.2944, 83.4032



30.6719, 18.4856, 73.9030



16.1042, 14.4759, 17.1089



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.



39.4217, 23.9827, 29.7457



47.8480, 26.1736, 29.7276



36.0510, 23.2254, 10.1739



13.9635, 13.8030, 15.5781



19.3240, 9.7966, 8.3719



1.3841, 0.6969, 0.8156

Inverse Universe

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



39.4217, 23.9827, 29.7457



47.8480, 26.1736, 29.7276



42.9282, 58.9803, 81.0733



13.9635, 13.8030, 15.5781



19.3240, 9.7966, 8.3719



1.3841, 0.6969, 0.8156

Previews

White Background



This preview shows how the XYZ color 39.4210, 23.9814, 29.7453 looks on a white background.

Color Contrast Check

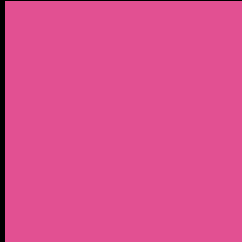
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.4210, 23.9814, 29.7453 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 39.4210, 23.9814, 29.7453

Background



This preview shows how black text looks on a background with the XYZ color 39.4210, 23.9814, 29.7453.



This preview shows how white text looks on a background with the XYZ color 39.4210, 23.9814,

29.7453.

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

39.4210, 23.9814, 29.7453

Protanopia

24.6132, 24.1762, 47.0853

Deuteranopia

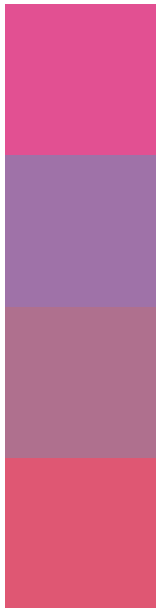
24.6306, 24.2077, 27.8005



Tritanopia

36.0230, 23.8748, 14.0189

Trichromacy



Original Color

39.4210, 23.9814, 29.7453

Protanomaly

27.3833, 22.2327, 39.8939

Deuteranomaly

28.3559, 22.6553, 28.4696

Tritanomaly

36.9341, 23.7422, 18.8557

Monochromacy



Original Color

39.4210, 23.9814, 29.7453

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

25.9640, 21.4729, 26.0688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4210, 23.9814, 29.7453 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(226, 80, 146)` looks like.

```
.text, #text, p{  
    color:rgb(226, 80, 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(226, 80, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 80, 146) }
```

Border

The CSS property to change the border of an element to XYZ 39.4210, 23.9814, 29.7453 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(226, 80, 146) }
```


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

```
.border{ border-color:rgb(226, 80, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 80, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 80, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 80, 146);  
box-shadow:4px 4px 4px 4px rgb(226, 80,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4210, 23.9814, 29.7453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 80, 146) }
```

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

```
.background{ background-color: rgb(226, 80,  
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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