

Converting Colors

XYZ(40.1750, 21.7220, 14.3872)

Have a look what the booklet for
XYZ(40.1750, 21.7220, 14.3872)
contains.

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Color

**XYZ(40.1750, 21.7220,
14.3872)**

Conversions

Conversions Part 1

Format	Color
Hex	F32B65
RGB	243, 43, 101
RGB Percent	95%, 17%, 40%
CMY	0.0471, 0.8313, 0.6039
CMYK	0.00, 0.82, 0.58, 0.05
HSL	343°, 89%, 56%
HSV	343°, 82%, 95%
XYZ	40.1750, 21.7220, 14.3872
YIQ	109.4120, 100.5820, 60.4380

Conversions

Conversions Part 2

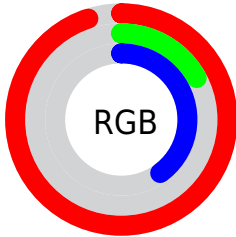
Format	Color
R_{YB}	243, 43, 101
Decimal	15936357
CIE _{Lab}	53.73, 74.68, 18.36
CIE _{LCh}	54, 76.900, 13.811
Yxy	21.7220, 0.5266, 0.2848
Android (android.graphics.Color)	4294126437 (0xFFFF32B65)
YUV	109.4120, -4.1471, 117.1567
Hunter-Lab	46.6069, 72.3045, 14.3224

Details

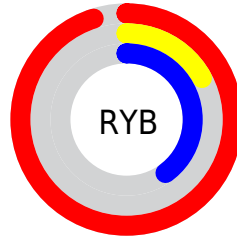
The XYZ color **40.1750, 21.7220, 14.3872** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed rose. A complement of this color would be **41.8063, 68.1185, 56.8535**, and the grayscale version is **14.6467, 15.4095, 16.7809**.

A 20% lighter version of the original color is **52.5919, 34.8959, 33.6694**, and **19.2800, 9.8595, 4.5013** is the 20% darker color. If you saturate the color by 10%, you get **38.7804, 20.1470, 10.1802**, and if you desaturate by 10%, it is **42.2733, 24.4210, 19.7047**.

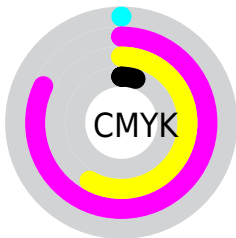
Distribution



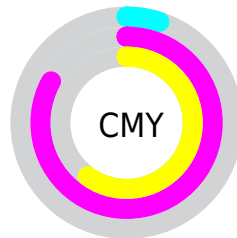
- Red (95%)
- Green (17%)
- Blue (40%)



- Red (95%)
- Yellow (17%)
- Blue (40%)



- Cyan (0%)
- Magenta (82%)
- Yellow (58%)
- Black (5%)





- Cyan (5%)
- Magenta (83%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.1750, 21.7220, 14.3872 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 40.1750, 21.7220, 14.3872 by changing the saturation by 10% instead.


 40.1750, 21.7220,
14.3872


 40.1750, 21.7220,
14.3872


337.9824,
261.0910, 231.1381

 27.8598, 13.6528,
8.2486


 74.7126, 46.2861,
34.5015


 18.3599, 7.8796,
4.1644


 97.6657, 63.5497,
49.3142


 11.3100, 4.0180,
1.7160


 124.8955, 84.6470,
67.8555

 6.3445, 1.6836,
0.3716

 156.7674,
109.9622, 90.5438

 3.0983, 0.4130,
0.0000

 193.6466,
139.8799, 117.7977

 1.2060, 0.0000,
0.0000

235.8986,

 0.1111, 0.0000,

174.7843, 150.0356

0.0000

283.8888,
215.0599, 187.6763

■ 0.0000, 0.0000,
0.0000

■ 40.1750, 21.7220,
14.3872

■ 40.1750, 21.7220,
14.3872

■ 38.7804, 20.1470,
10.1802

■ 42.2733, 24.4210,
19.7047


■ 38.0819, 19.5026,
7.6271


■ 45.1653, 28.4066,
26.2127


■ 48.9283, 33.8187,
33.9837


■ 53.6295, 40.7776,
43.0836

■ 59.3293, 49.3910,
53.5734

 66.0830, 59.7566,
65.5102

 73.9416, 71.9648,
78.9475

 82.9528, 86.0995,
93.9363

 90.7720, 97.7946,
108.6998

Harmonies

Analogous

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



39.9104, 21.7220, 38.6953



40.1750, 21.7220, 14.3872



34.3229, 21.7220, 4.0914

Triad

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



40.1750, 21.7220, 14.3872



11.5039, 21.7220, 3.6919



16.5356, 21.7220, 99.4915

Complementary

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



40.1750, 21.7220, 14.3872



41.8063, 68.1185, 56.8535

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.



11.1919, 21.7220, 71.0370



40.1750, 21.7220, 14.3872



8.8605, 21.7220, 13.1206

Square

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



40.1750, 21.7220, 14.3872



17.0894, 21.7220, 1.2862



8.7641, 21.7220, 36.2247



24.6650, 21.7220, 100.7668

Rectangle

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



40.1750, 21.7220, 14.3872



28.4592, 21.7220, 1.8289



8.7641, 21.7220, 36.2247



14.4124, 21.7220, 92.2249

Sweetspot

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



40.1755, 21.7233, 14.3875



71.5250, 63.2706, 69.2415



36.5718, 18.2681, 86.3922



14.7370, 12.6637, 13.8107



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.



40.1755, 21.7233, 14.3875



42.5633, 21.8336, 8.7620



40.4928, 25.4179, 5.0592



16.6967, 16.5615, 18.1495



20.9514, 10.7240, 4.4522



1.8842, 0.9596, 0.6164

Inverse Universe

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



40.1755, 21.7233, 14.3875



42.5633, 21.8336, 8.7620



38.5314, 49.6985, 92.3556



16.6967, 16.5615, 18.1495



20.9514, 10.7240, 4.4522



1.8842, 0.9596, 0.6164

Previews

White Background



This preview shows how the XYZ color 40.1750, 21.7220, 14.3872 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 40.1750, 21.7220, 14.3872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

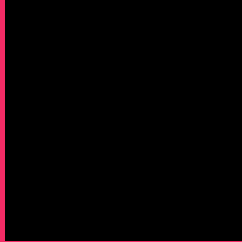
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 40.1750, 21.7220, 14.3872

Background



This preview shows how black text looks on a background with the XYZ color 40.1750, 21.7220, 14.3872.



This preview shows how white text looks on a background with the XYZ color 40.1750, 21.7220,

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

40.1750, 21.7220, 14.3872

Protanopia

21.3549, 21.9210, 27.9166

Deuteranopia

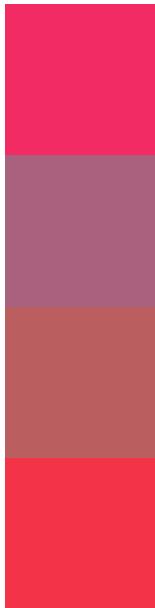
22.1082, 21.6936, 12.9196



Tritanopia

38.3556, 21.7187, 5.9119

Trichromacy



Original Color

40.1750, 21.7220, 14.3872

Protanomaly

24.6182, 18.6018, 22.0316

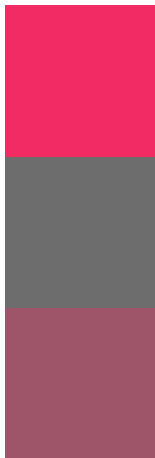
Deuteranomaly

26.3180, 19.2707, 13.1590

Tritanomaly

38.9715, 21.7128, 8.2679

Monochromacy



Original Color

40.1750, 21.7220, 14.3872

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

19.9506, 14.8067, 15.4421

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.1750, 21.7220, 14.3872 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(243, 43, 101)` looks like.

```
.text, #text, p{  
    color:rgb(243, 43, 101)  
}
```

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(243, 43, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 43, 101) }
```

Border

The CSS property to change the border of an element to XYZ 40.1750, 21.7220, 14.3872 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(243, 43, 101) }
```


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

```
.border{ border-color:rgb(243, 43, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 43, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 43, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 43, 101);  
box-shadow:4px 4px 4px 4px rgb(243, 43,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 40.1750, 21.7220, 14.3872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 43, 101) }
```

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

```
.background{ background-color: rgb(243, 43,  
101) }
```

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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