

Converting Colors

XYZ(40.8873, 21.0332, 26.6282)

Have a look what the booklet for
XYZ(40.8873, 21.0332, 26.6282)
contains.

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Color

**XYZ(41.0164, 21.1140,
26.7245)**

Conversions

Conversions Part 1

Format	Color
Hex	F0198C
RGB	240, 25, 140
RGB Percent	94%, 10%, 55%
CMY	0.0588, 0.9018, 0.4510
CMYK	0.00, 0.90, 0.42, 0.06
HSL	328°, 88%, 52%
HSV	328°, 90%, 94%
XYZ	41.0164, 21.1140, 26.7245
YIQ	102.3950, 91.2250, 81.3450

Conversions

Conversions Part 2

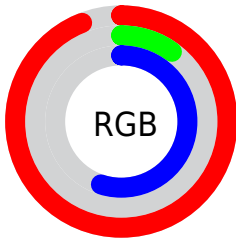
Format	Color
R _Y B	240, 25, 140
Decimal	15735180
CIE Lab	53.07, 80.11, -6.13
CIE LCh	53, 80.343, 355.625
Yxy	21.1140, 0.4616, 0.2376
Android (android.graphics.Color)	4293925260 (0xFFFF0198C)
YUV	102.3950, 18.5393, 120.6796
Hunter-Lab	45.9500, 78.9223, -2.3181

Details

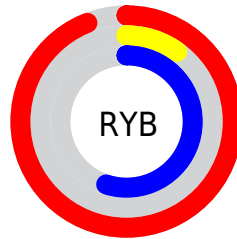
The XYZ color **41.0164, 21.1140, 26.7245** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **35.2652, 64.0085, 29.9081**, and the grayscale version is **12.6730, 13.3330, 14.5196**.

A 20% lighter version of the original color is **55.7159, 34.8108, 54.2347**, and **20.2056, 10.2032, 10.5773** is the 20% darker color. If you saturate the color by 10%, you get **39.8978, 20.1282, 22.4940**, and if you desaturate by 10%, it is **42.6339, 22.9641, 31.5337**.

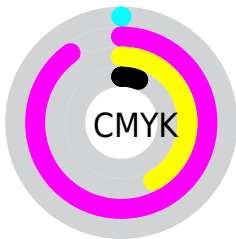
Distribution



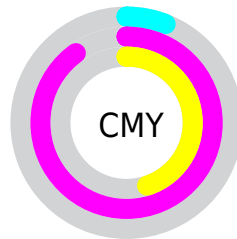
- Red (94%)
- Green (10%)
- Blue (55%)



- Red (94%)
- Yellow (10%)
- Blue (55%)



- Cyan (0%)
- Magenta (90%)
- Yellow (42%)
- Black (6%)





- Cyan (6%)
- Magenta (90%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.0164, 21.1140, 26.7245 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 41.0164, 21.1140, 26.7245 by changing the saturation by 10% instead.

 41.0164, 21.1140,
26.7245


 41.0164, 21.1140,
26.7245

341.4506,
257.8837, 300.0386


 28.5196, 13.2074,
17.1358

 75.9833, 45.2772,
55.4398

 18.8602, 7.5715,
10.1684


 99.1842, 62.3025,
75.4035


 11.6727, 3.8220,
5.4037


 126.6838, 83.1362,
99.6627

 6.5918, 1.5745,
2.4232

 158.8476,
108.1626, 128.6358

 3.2522, 0.3403,
0.7990

 196.0407,
137.7662, 162.7414

 1.2885, 0.0000,
0.0000

238.6287,

 0.1746, 0.0000,

172.3313, 202.3980

0.0000

286.9769,
212.2424, 248.0242

■ 0.0000, 0.0000,
0.0000

■ 41.0164, 21.1140,
26.7245

■ 41.0164, 21.1140,
26.7245

■ 39.8978, 20.1282,
22.4940

■ 42.6339, 22.9641,
31.5337

■ 39.8549, 20.0931,
22.3232

■ 44.8705, 25.9146,
36.9729

■ 47.8032, 30.1164,
43.0793

■ 51.4969, 35.6956,
49.8853

■ 56.0086, 42.7626,
57.4202

61.3894, 51.4166,
65.7113

67.6862, 61.7482,
74.7840

74.9424, 73.8410,
84.6621

83.1986, 87.7732,
95.3684

Harmonies

Analogous

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



36.6853, 21.1140, 60.5357



41.0164, 21.1140, 26.7245



38.5695, 21.1140, 8.1671

Triad

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



41.0164, 21.1140, 26.7245



13.8301, 21.1140, 1.3820



12.2221, 21.1140, 86.7430

Complementary

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



41.0164, 21.1140, 26.7245



35.2652, 64.0085, 29.9081

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.



8.6950, 21.1140, 49.5539



41.0164, 21.1140, 26.7245



9.4240, 21.1140, 5.4554

Square

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



41.0164, 21.1140, 26.7245



21.3332, 21.1140, 0.7969



7.8370, 21.1140, 19.6199



18.8543, 21.1140, 107.5845

Rectangle

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



41.0164, 21.1140, 26.7245



33.7090, 21.1140, 3.1916



7.8370, 21.1140, 19.6199



10.7158, 21.1140, 74.8610

Sweetspot

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



41.0170, 21.1152, 26.7248



72.1461, 61.7673, 77.9123



24.0694, 11.1083, 83.3134



14.9456, 12.4123, 15.9412



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.



41.0170, 21.1152, 26.7248



45.7109, 23.0484, 25.4737



36.5984, 19.3478, 3.4569



16.1262, 15.9002, 18.2208



21.8852, 11.0265, 12.5780



1.8709, 0.9374, 1.3109

Inverse Universe

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



41.0170, 21.1152, 26.7248



45.7109, 23.0484, 25.4737



45.7396, 68.1982, 85.0656



16.1262, 15.9002, 18.2208



21.8852, 11.0265, 12.5780



1.8709, 0.9374, 1.3109

Previews

White Background



This preview shows how the XYZ color 41.0164, 21.1140, 26.7245 looks on a white background.

Color Contrast Check

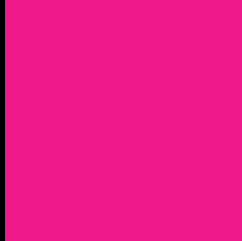
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.0164, 21.1140, 26.7245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

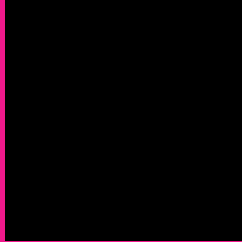
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.0164, 21.1140, 26.7245

Background



This preview shows how black text looks on a background with the XYZ color 41.0164, 21.1140, 26.7245.



This preview shows how white text looks on a background with the XYZ color 41.0164, 21.1140,

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

41.0164, 21.1140, 26.7245

Protanopia

22.8935, 21.5111, 56.3715

Deuteranopia

21.8844, 21.5160, 24.1187



Tritanopia

36.6672, 21.1270, 6.5602

Trichromacy



Original Color

41.0164, 21.1140, 26.7245



Protanomaly

24.4571, 16.9945, 43.5862



Deuteranomaly

25.6973, 17.9308, 24.6608



Tritanomaly

37.7870, 20.7757, 11.6914

Monochromacy



Original Color

41.0164, 21.1140, 26.7245



Achromatopsia

12.6291, 13.2868, 14.4694



Achromatomaly

18.5501, 12.8339, 18.0225

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0164, 21.1140, 26.7245 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(240, 25, 140)` looks like.

```
.text, #text, p{  
    color:rgb(240, 25, 140)  
}
```

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(240, 25, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 25, 140) }
```

Border

The CSS property to change the border of an element to XYZ 41.0164, 21.1140, 26.7245 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(240, 25, 140) }
```


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

```
.border{ border-color:rgb(240, 25, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 25, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 25, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 25, 140);  
box-shadow:4px 4px 4px 4px rgb(240, 25,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0164, 21.1140, 26.7245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 25, 140) }
```

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

```
.background{ background-color: rgb(240, 25,  
140) }
```

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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