

Converting Colors

XYZ(42.3821, 26.0646, 16.5998)

Have a look what the booklet for
XYZ(42.3821, 26.0646, 16.5998)
contains.

XYZ(42.2891, 25.9734, 16.6944)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(42.2891, 25.9734,
16.6944)**

Conversions

Conversions Part 1

Format	Color
Hex	F2526B
RGB	242, 82, 107
RGB Percent	95%, 32%, 42%
CMY	0.0510, 0.6784, 0.5804
CMYK	0.00, 0.66, 0.56, 0.05
HSL	351°, 86%, 64%
HSV	351°, 66%, 95%
XYZ	42.2891, 25.9734, 16.6944
YIQ	132.6900, 87.3350, 41.6950

Conversions

Conversions Part 2

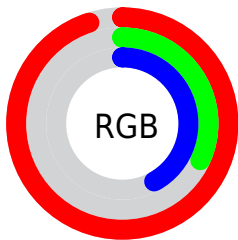
Format	Color
R_{YB}	242, 82, 107
Decimal	15880811
CIE _{Lab}	58.01, 62.69, 20.56
CIE _{LCh}	58, 65.979, 18.158
Yxy	25.9734, 0.4978, 0.3057
Android (android.graphics.Color)	4294070891 (0xFFFF2526B)
YUV	132.6900, -12.6652, 95.8649
Hunter-Lab	50.9641, 58.9289, 16.2531

Details

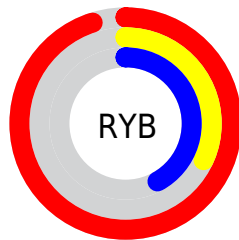
The XYZ color **42.2891, 25.9734, 16.6944** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **47.7582, 70.3085, 76.7058**, and the grayscale version is **22.2054, 23.3618, 25.4410**.

A 20% lighter version of the original color is **56.6442, 42.1939, 37.5065**, and **19.6923, 10.1381, 5.1939** is the 20% darker color. If you saturate the color by 10%, you get **39.8245, 22.5655, 11.1839**, and if you desaturate by 10%, it is **45.6518, 30.7719, 23.7561**.

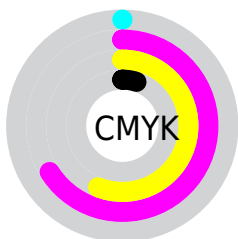
Distribution



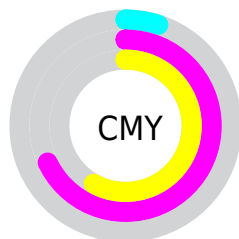
- Red (95%)
- Green (32%)
- Blue (42%)



- Red (95%)
- Yellow (32%)
- Blue (42%)



- Cyan (0%)
- Magenta (66%)
- Yellow (56%)
- Black (5%)





- Cyan (5%)
- Magenta (68%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.2891, 25.9734, 16.6944 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 42.2891, 25.9734, 16.6944 by changing the saturation by 10% instead.


 42.2891, 25.9734,
16.6944


 42.2891, 25.9734,
16.6944

346.6512,
282.6515, 245.3891

 29.5198, 16.8037,
9.8572


 77.8994, 53.2320,
38.5830

 19.6207, 10.0947,
5.2000


 101.4711, 72.0898,
54.4715

 12.2263, 5.4618,
2.3043


 129.3744, 94.9457,
74.2142

 6.9713, 2.5207,
0.7336

 161.9746,
122.1842, 98.2296

 3.4903, 0.8870,
0.0000

199.6370,
154.1896, 126.9362

 1.4180, 0.0000,
0.0000

242.7270,

 0.2690, 0.0000,

191.3464, 160.7527

0.0000

291.6100,
234.0389, 200.0975

■ 0.0000, 0.0000,
0.0000

■ 42.2891, 25.9734,
16.6944

■ 42.2891, 25.9734,
16.6944

■ 39.8245, 22.5655,
11.1839

■ 45.6518, 30.7719,
23.7561

■ 38.1669, 20.3943,
7.1040

■ 49.9878, 37.0849,
32.4743


■ 37.2080, 19.2767,
4.3178


■ 55.3665, 45.0272,
42.9461


■ 36.9644, 19.0158,
3.5390

■ 61.8505, 54.7016,
55.2610

■ 69.4972, 66.2022,
69.5021

 78.3600, 79.6166,
85.7477

 88.4891, 95.0264,
104.0713

 90.4278, 97.6172,
108.6837

Harmonies

Analogous

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



42.9175, 25.9734, 38.2720



42.2891, 25.9734, 16.6944



36.3794, 25.9734, 6.5720

Triad

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



42.2891, 25.9734, 16.6944



14.9437, 25.9734, 7.9503



21.6751, 25.9734, 96.6060

Complementary

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



42.2891, 25.9734, 16.6944



47.7582, 70.3085, 76.7058

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.



15.8139, 25.9734, 75.1661



42.2891, 25.9734, 16.6944



12.5254, 25.9734, 20.1997

Square

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



42.2891, 25.9734, 16.6944



20.2146, 25.9734, 3.7228



12.8053, 25.9734, 44.2724



29.7746, 25.9734, 93.7965

Rectangle

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



42.2891, 25.9734, 16.6944



30.8355, 25.9734, 3.9780



12.8053, 25.9734, 44.2724



19.4154, 25.9734, 91.6675

Sweetspot

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



42.2897, 25.9749, 16.6948



74.7123, 69.1975, 71.6837



47.1677, 26.9447, 86.7189



15.4749, 14.0344, 14.3805



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.



42.2897, 25.9749, 16.6948



44.1787, 24.5128, 11.0007



46.8527, 36.9095, 12.6396



15.8734, 15.7991, 16.8898



19.8893, 10.2281, 2.0676



1.6845, 0.8628, 0.3294

Inverse Universe

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



42.2897, 25.9749, 16.6948



44.1787, 24.5128, 11.0007



37.6342, 44.4584, 90.6018



15.8734, 15.7991, 16.8898



19.8893, 10.2281, 2.0676



1.6845, 0.8628, 0.3294

Previews

White Background



This preview shows how the XYZ color 42.2891, 25.9734, 16.6944 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 42.2891, 25.9734, 16.6944 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 42.2891, 25.9734, 16.6944

Background



This preview shows how black text looks on a background with the XYZ color 42.2891, 25.9734, 16.6944.



This preview shows how white text looks on a background with the XYZ color 42.2891, 25.9734,

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

42.2891, 25.9734, 16.6944

Protanopia

25.0373, 26.1158, 26.2755

Deuteranopia

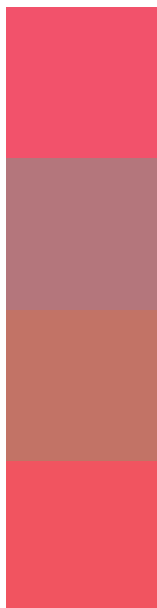
26.5031, 26.0580, 15.4372



Tritanopia

41.3696, 25.9360, 12.4986

Trichromacy



Original Color

42.2891, 25.9734, 16.6944

Protanomaly

28.9389, 24.1154, 22.1983

Deuteranomaly

30.7771, 24.6901, 15.7139

Tritanomaly

41.5573, 25.8859, 13.8725

Monochromacy



Original Color

42.2891, 25.9734, 16.6944

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

26.8890, 22.3741, 21.9702

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2891, 25.9734, 16.6944 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(242, 82, 107)` looks like.

```
.text, #text, p{  
  color:rgb(242, 82, 107)  
}
```

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(242, 82, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 82, 107) }
```

Border

The CSS property to change the border of an element to XYZ 42.2891, 25.9734, 16.6944 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(242, 82, 107) }
```


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

```
.border{ border-color:rgb(242, 82, 107) }
```

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

Here you see how a box with a 4 pixel rgb(242, 82, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 82, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 82, 107);  
box-shadow:4px 4px 4px 4px rgb(242, 82,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2891, 25.9734, 16.6944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 82, 107) }
```

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

```
.background{ background-color: rgb(242, 82,  
107) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor