

Converting Colors

XYZ(43.7969, 26.6189, 21.3236)

Have a look what the booklet for
XYZ(43.7969, 26.6189, 21.3236)
contains.

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Color

**XYZ(43.8384, 26.6728,
21.2502)**

Conversions

Conversions Part 1

Format	Color
Hex	F4527A
RGB	244, 82, 122
RGB Percent	96%, 32%, 48%
CMY	0.0431, 0.6784, 0.5216
CMYK	0.00, 0.66, 0.50, 0.04
HSL	345°, 88%, 64%
HSV	345°, 66%, 96%
XYZ	43.8384, 26.6728, 21.2502
YIQ	134.9980, 83.7120, 46.7840

Conversions

Conversions Part 2

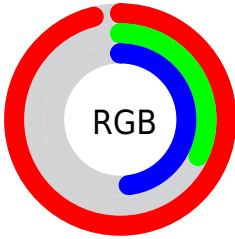
Format	Color
RYB	244, 82, 122
Decimal	16011898
CIELab	58.67, 64.46, 12.73
CIElCh	59, 65.706, 11.172
Yxy	26.6728, 0.4777, 0.2907
Android (android.graphics.Color)	4294201978 (0xFFFF4527A)
YUV	134.9980, -6.4080, 95.5948
Hunter-Lab	51.6457, 61.1360, 11.7565

Details

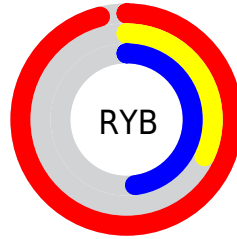
The XYZ color **43.8384, 26.6728, 21.2502** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **46.7313, 70.8556, 68.3459**, and the grayscale version is **23.0310, 24.2304, 26.3869**.

A 20% lighter version of the original color is **58.2581, 43.0722, 45.2876**, and **20.5383, 10.4612, 7.4153** is the 20% darker color. If you saturate the color by 10%, you get **41.2813, 23.2118, 15.3015**, and if you desaturate by 10%, it is **47.2660, 31.5304, 28.5517**.

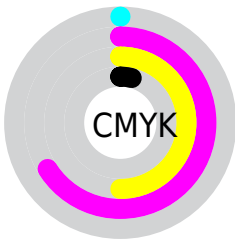
Distribution



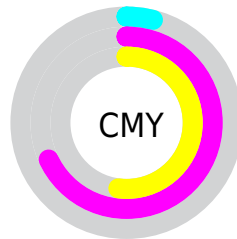
- Red (96%)
- Green (32%)
- Blue (48%)



- Red (96%)
- Yellow (32%)
- Blue (48%)



- Cyan (0%)
- Magenta (66%)
- Yellow (50%)
- Black (4%)





- Cyan (4%)
- Magenta (68%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8384, 26.6728, 21.2502 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 43.8384, 26.6728, 21.2502 by changing the saturation by 10% instead.


 43.8384, 26.6728,
21.2502


 43.8384, 26.6728,
21.2502

352.9118,
286.0694, 271.4298


 30.7408, 17.3276,
13.1140


 80.2224, 54.3584,
46.3897


 20.5525, 10.4684,
7.3754


 104.2395, 73.4676,
64.2302

 12.9078, 5.7106,
3.6160

 132.6272, 96.6002,
86.1424

 7.4417, 2.6699,
1.4171

 165.7509,
124.1408, 112.5450

 3.7886, 0.9619,
0.1550

203.9758,
156.4735, 143.8565

 1.5832, 0.0000,
0.0000

247.6673,

 0.3815, 0.0000,

193.9830, 180.4954

0.0000

297.1909,
237.0534, 222.8804

■ 0.0000, 0.0000,
0.0000

■ 43.8384, 26.6728,
21.2502

■ 43.8384, 26.6728,
21.2502

■ 41.2813, 23.2118,
15.3015

■ 47.2660, 31.5304,
28.5517

■ 39.5074, 20.9923,
10.6157

■ 51.6355, 37.9093,
37.2845


■ 38.4131, 19.8280,
7.0926


■ 57.0132, 45.9251,
47.5222


■ 38.1300, 19.5618,
6.0740

■ 63.4584, 55.6813,
59.3331

■ 71.0259, 67.2724,
72.7809

 79.7666, 80.7865,
87.9258

 89.7284, 96.3055,
104.8249

 91.1182, 97.9731,
108.7160

Harmonies

Analogous

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



43.0700, 26.6728, 45.8861



43.8384, 26.6728, 21.2502



38.9270, 26.6728, 8.5026

Triad

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



43.8384, 26.6728, 21.2502



16.4424, 26.6728, 6.7827



20.6638, 26.6728, 94.7345

Complementary

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



43.8384, 26.6728, 21.2502



46.7313, 70.8556, 68.3459

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.



15.3683, 26.6728, 69.2531



43.8384, 26.6728, 21.2502



13.3126, 26.6728, 16.9255

Square

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



43.8384, 26.6728, 21.2502



22.4607, 26.6728, 3.6150



12.9664, 26.6728, 38.5381



28.4807, 26.6728, 98.1545

Rectangle

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



43.8384, 26.6728, 21.2502



33.5994, 26.6728, 4.9081



12.9664, 26.6728, 38.5381



18.5779, 26.6728, 88.0127

Sweetspot

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



43.8391, 26.6743, 21.2506



75.3040, 69.4342, 74.7999



44.1128, 25.3349, 88.1529



15.6144, 14.0902, 15.1147



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.



43.8391, 26.6743, 21.2506



44.7906, 24.5743, 14.7877



45.8535, 33.8864, 12.1086



16.6669, 16.5496, 17.9924



20.7784, 10.6548, 3.5416



1.8655, 0.9522, 0.5182

Inverse Universe

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



43.8391, 26.6743, 21.2506



44.7906, 24.5743, 14.7877



41.2844, 51.2754, 93.3090



16.6669, 16.5496, 17.9924



20.7784, 10.6548, 3.5416



1.8655, 0.9522, 0.5182

Previews

White Background



This preview shows how the XYZ color 43.8384, 26.6728, 21.2502 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 43.8384, 26.6728, 21.2502 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 43.8384, 26.6728, 21.2502

Background



This preview shows how black text looks on a background with the XYZ color 43.8384, 26.6728, 21.2502.



This preview shows how white text looks on a background with the XYZ color 43.8384, 26.6728,

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

43.8384, 26.6728, 21.2502

Protanopia

26.2592, 27.0124, 33.9669

Deuteranopia

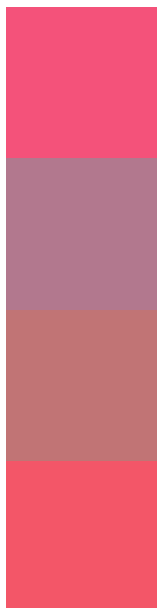
27.1513, 26.7157, 19.6452



Tritanopia

42.0835, 26.6470, 13.2813

Trichromacy



Original Color

43.8384, 26.6728, 21.2502

Protanomaly

29.9591, 24.8509, 28.8089

Deuteranomaly

31.4486, 25.1126, 20.0193

Tritanomaly

42.7886, 26.7097, 15.9970

Monochromacy



Original Color

43.8384, 26.6728, 21.2502

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

27.9539, 23.2164, 24.1270

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8384, 26.6728, 21.2502 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(244, 82, 122)` looks like.

```
.text, #text, p{  
    color:rgb(244, 82, 122)  
}
```

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(244, 82, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 82, 122) }
```

Border

The CSS property to change the border of an element to XYZ 43.8384, 26.6728, 21.2502 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(244, 82, 122) }
```


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

```
.border{ border-color:rgb(244, 82, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 82, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 82, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 82, 122);  
box-shadow:4px 4px 4px 4px rgb(244, 82,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8384, 26.6728, 21.2502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 82, 122) }
```

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

```
.background{ background-color: rgb(244, 82,  
122) }
```

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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