

Converting Colors

XYZ(47.2243, 27.1521, 22.6580)

Have a look what the booklet for
XYZ(47.2243, 27.1521, 22.6580)
contains.

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Color

**XYZ(47.1961, 27.1467,
22.4910)**

Conversions

Conversions Part 1

Format	Color
Hex	FF467E
RGB	255, 70, 126
RGB Percent	100%, 27%, 49%
CMY	0.0000, 0.7254, 0.5059
CMYK	0.00, 0.73, 0.51, 0.00
HSL	342°, 100%, 64%
HSV	342°, 73%, 100%
XYZ	47.1961, 27.1467, 22.4910
YIQ	131.6990, 92.2840, 56.6360

Conversions

Conversions Part 2

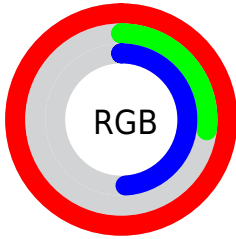
Format	Color
R_{YB}	255, 70, 126
Decimal	16729726
CIE _{Lab}	59.11, 72.19, 11.27
CIE _{LCh}	59, 73.062, 8.876
Yxy	27.1467, 0.4874, 0.2803
Android (android.graphics.Color)	4294919806 (0xFFFF467E)
YUV	131.6990, -2.8096, 108.1350
Hunter-Lab	52.1025, 70.5116, 10.8781

Details

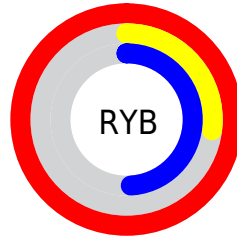
The XYZ color **47.1961, 27.1467, 22.4910** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **48.5968, 76.9465, 66.3310**, and the grayscale version is **21.8122, 22.9481, 24.9905**.

A 20% lighter version of the original color is **57.3922, 40.7070, 46.9518**, and **23.1134, 11.7565, 8.2588** is the 20% darker color. If you saturate the color by 10%, you get **44.8782, 24.1871, 16.5516**, and if you desaturate by 10%, it is **50.3959, 31.5440, 29.7310**.

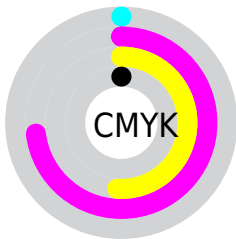
Distribution



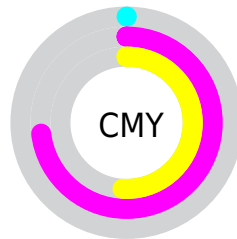
- Red (100%)
- Green (27%)
- Blue (49%)



- Red (100%)
- Yellow (27%)
- Blue (49%)



- Cyan (0%)
- Magenta (73%)
- Yellow (51%)
- Black (0%)





- Cyan (0%)
- Magenta (73%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.1961, 27.1467, 22.4910 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 47.1961, 27.1467, 22.4910 by changing the saturation by 10% instead.


 47.1961, 27.1467,
22.4910


 47.1961, 27.1467,
22.4910


366.2326,
288.3667, 278.1365

 33.3993, 17.6834,
14.0164

 85.2232, 55.1192,
48.4687


 22.5932, 10.7229,
7.9932


 110.1843, 74.3972,
66.8089


 14.4125, 5.8809,
4.0029


 139.5974, 97.7156,
89.2747

 8.4917, 2.7728,
1.6269

 173.8281,
125.4587, 116.2846

 4.4656, 1.0143,
0.3099

 213.2416,
158.0110, 148.2572

 1.9688, 0.0000,
0.0000

258.2032,

 0.6163, 0.0000,

195.7568, 185.6110

0.0000

309.0785,
239.0806, 228.7646

■ 0.0000, 0.0000,
0.0000

■ 47.1961, 27.1467,
22.4910

■ 47.1961, 27.1467,
22.4910

■ 44.8782, 24.1871,
16.5516

■ 50.3959, 31.5440,
29.7310

■ 43.3371, 22.4718,
11.8238


■ 54.5618, 37.5310,
38.3485


■ 42.5857, 21.7983,
9.0171

■ 59.7699, 45.2449,
48.4151

■ 66.0877, 54.8070,
59.9967

■ 73.5772, 66.3275,
73.1550

 82.2952, 79.9078,
87.9480

 92.2952, 95.6425,
104.4307

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



45.7680, 27.1467, 51.5020



47.1961, 27.1467, 22.4910



41.9308, 27.1467, 7.9644

Triad

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



47.1961, 27.1467, 22.4910



16.3177, 27.1467, 5.2125



20.0048, 27.1467, 105.0943

Complementary

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



47.1961, 27.1467, 22.4910



48.5968, 76.9465, 66.3310

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.



14.4520, 27.1467, 73.3903



47.1961, 27.1467, 22.4910



12.6968, 27.1467, 14.9460

Square

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



47.1961, 27.1467, 22.4910



23.1994, 27.1467, 2.5622



12.1050, 27.1467, 37.9694



28.5926, 27.1467, 111.6619

Rectangle

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



47.1961, 27.1467, 22.4910



35.9257, 27.1467, 4.0851



12.1050, 27.1467, 37.9694



17.7851, 27.1467, 96.4007

Sweetspot

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



47.1968, 27.1482, 22.4914



74.0195, 67.0125, 73.9173



43.1154, 23.3942, 96.8506



15.3792, 13.6256, 15.0184



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.



47.1968, 27.1482, 22.4914



44.1026, 23.2819, 14.3009



47.2888, 31.5883, 9.4012



18.2356, 18.0776, 19.8581



22.3095, 11.4131, 5.0145



2.2182, 1.1297, 0.7305

Inverse Universe

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



47.1968, 27.1482, 22.4914



44.1026, 23.2819, 14.3009



46.4557, 60.2806, 103.7944



18.2356, 18.0776, 19.8581



22.3095, 11.4131, 5.0145



2.2182, 1.1297, 0.7305

Previews

White Background



This preview shows how the XYZ color 47.1961, 27.1467, 22.4910 looks on a white background.

Color Contrast Check

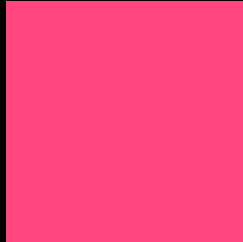
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.1961, 27.1467, 22.4910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

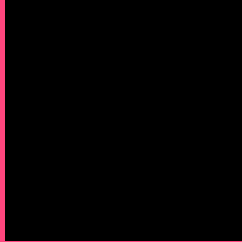
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 47.1961, 27.1467, 22.4910

Background



This preview shows how black text looks on a background with the XYZ color 47.1961, 27.1467, 22.4910.



This preview shows how white text looks on a background with the XYZ color 47.1961, 27.1467, 22.4910.

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

47.1961, 27.1467, 22.4910

Protanopia

26.7069, 27.1334, 38.9516

Deuteranopia

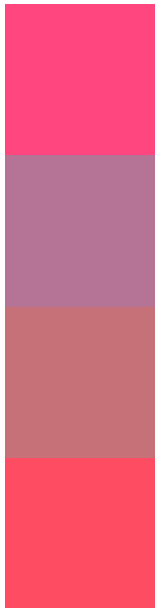
27.6736, 27.1750, 20.6164



Tritanopia

44.9769, 27.2601, 11.2787

Trichromacy



Original Color

47.1961, 27.1467, 22.4910

Protanomaly

30.6918, 24.2872, 31.9244

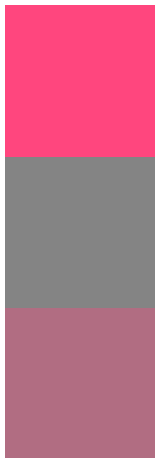
Deuteranomaly

32.5840, 25.1721, 20.9106

Tritanomaly

45.7096, 27.1406, 14.6339

Monochromacy



Original Color

47.1961, 27.1467, 22.4910

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

27.6294, 21.8961, 23.8892

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1961, 27.1467, 22.4910 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(255, 70, 126)` looks like.

```
.text, #text, p{  
    color:rgb(255, 70, 126)  
}
```

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(255, 70, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 70, 126) }
```

Border

The CSS property to change the border of an element to XYZ 47.1961, 27.1467, 22.4910 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(255, 70, 126) }
```


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

```
.border{ border-color:rgb(255, 70, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 70, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 70, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 70, 126); box-shadow:4px 4px 4px 4px rgb(255, 70, 126) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1961, 27.1467, 22.4910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 70, 126) }
```

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

```
.background{ background-color: rgb(255, 70,  
126) }
```

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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