

Converting Colors

XYZ(49.0711, 29.3809, 21.1443)

Have a look what the booklet for
XYZ(49.0711, 29.3809, 21.1443)
contains.

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Color

**XYZ(47.7085, 28.6751,
21.1095)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5279
RGB	255, 82, 121
RGB Percent	100%, 32%, 47%
CMY	0.0000, 0.6784, 0.5255
CMYK	0.00, 0.68, 0.53, 0.00
HSL	346°, 100%, 66%
HSV	346°, 68%, 100%
XYZ	47.7085, 28.6751, 21.1095
YIQ	138.1730, 90.5890, 48.8050

Conversions

Conversions Part 2

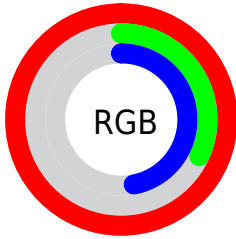
Format	Color
R _Y B	255, 82, 121
Decimal	16732793
CIE Lab	60.49, 67.65, 16.13
CIE LCh	60, 69.547, 13.412
Yxy	28.6751, 0.4894, 0.2941
Android (android.graphics.Color)	4294922873 (0xFFFF5279)
YUV	138.1730, -8.4663, 102.4573
Hunter-Lab	53.5491, 65.3199, 14.1118

Details

The XYZ color **47.7085, 28.6751, 21.1095** is a light color, and the websafe version is hex **FF3366**. The color can be described as light muted rose. A complement of this color would be **51.6365, 78.2725, 77.3593**, and the grayscale version is **24.2322, 25.4942, 27.7632**.

A 20% lighter version of the original color is **58.3077, 43.3269, 44.8249**, and **22.9408, 11.6875, 7.3501** is the 20% darker color. If you saturate the color by 10%, you get **45.0401, 25.0826, 14.8433**, and if you desaturate by 10%, it is **51.3404, 33.7980, 28.9209**.

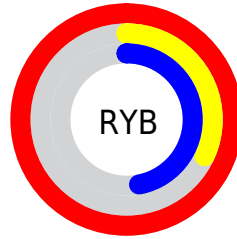
Distribution



Red (100%)

Green (32%)

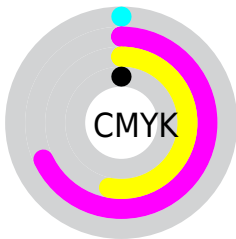
Blue (47%)



Red (100%)

Yellow (32%)

Blue (47%)

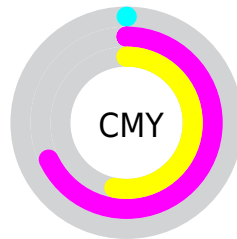


Cyan (0%)

Magenta (68%)

Yellow (53%)

Black (0%)



Cyan (0%)


Magenta (68%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.7085, 28.6751, 21.1095 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 47.7085, 28.6751, 21.1095 by changing the saturation by 10% instead.


 47.7085, 28.6751,
21.1095


 47.7085, 28.6751,
21.1095


368.2374,
295.6789, 270.6600

 33.8064, 18.8352,
13.0120


 85.9826, 57.5605,
46.1529

 22.9071, 11.5512,
7.3060


 111.0852, 77.3747,
63.9358

 14.6452, 6.4389,
3.5729


 140.6521,
101.2825, 85.7844

 8.6555, 3.1137,
1.3941

 175.0486,
129.6683, 112.1171

 4.5725, 1.1914,
0.1371

214.6400,
162.9164, 143.3525

 2.0308, 0.0547,
0.0000

259.7917,

 0.6512, 0.0000,

201.4113, 179.9090

0.0000

310.8690,
245.5373, 222.2054

■ 0.0000, 0.0000,
0.0000

■ 47.7085, 28.6751,
21.1095

■ 47.7085, 28.6751,
21.1095

■ 45.0401, 25.0826,
14.8433

■ 51.3404, 33.7980,
28.9209

■ 43.2340, 22.8420,
10.0126

■ 56.0184, 40.5939,
38.3731


■ 42.1621, 21.7245,
6.4916

■ 61.8187, 49.1943,
49.5554

■ 41.9902, 21.5601,
5.8815

■ 68.8093, 59.7162,
62.5501

■ 77.0529, 72.2669,
77.4339

 86.6078, 86.9455,
94.2793

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



47.3501, 28.6751, 47.5523



47.7085, 28.6751, 21.1095



41.8009, 28.6751, 8.0930

Triad

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



47.7085, 28.6751, 21.1095



17.0374, 28.6751, 7.3314



22.6218, 28.6751, 106.5131

Complementary

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



47.7085, 28.6751, 21.1095



51.6365, 78.2725, 77.3593

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.



16.5481, 28.6751, 78.9550



47.7085, 28.6751, 21.1095



13.8422, 28.6751, 19.1378

Square

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



47.7085, 28.6751, 21.1095



23.4469, 28.6751, 3.6075



13.6853, 28.6751, 44.1379



31.4542, 28.6751, 108.1265

Rectangle

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



47.7085, 28.6751, 21.1095



35.7254, 28.6751, 4.6073



13.6853, 28.6751, 44.1379



20.2416, 28.6751, 99.4946

Sweetspot

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



47.7092, 28.6767, 21.1100



75.1623, 69.3775, 74.0535



48.9855, 27.6483, 97.3622



15.5809, 14.0768, 14.9385



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.



47.7092, 28.6767, 21.1100



44.3812, 24.2372, 13.1664



50.5009, 37.3446, 12.5315



18.1770, 18.0541, 19.5493



21.9868, 11.2840, 3.3148



2.1799, 1.1143, 0.5289

Inverse Universe

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



47.7092, 28.6767, 21.1100



44.3812, 24.2372, 13.1664



44.2990, 54.5512, 102.8020



18.1770, 18.0541, 19.5493



21.9868, 11.2840, 3.3148



2.1799, 1.1143, 0.5289

Previews

White Background



This preview shows how the XYZ color 47.7085, 28.6751, 21.1095 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 47.7085, 28.6751, 21.1095 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 47.7085, 28.6751, 21.1095

Background



This preview shows how black text looks on a background with the XYZ color 47.7085, 28.6751, 21.1095.



This preview shows how white text looks on a background with the XYZ color 47.7085, 28.6751,

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

47.7085, 28.6751, 21.1095

Protanopia

27.9078, 28.7537, 34.2161

Deuteranopia

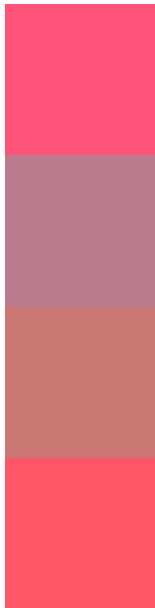
29.1533, 28.6063, 19.6078



Tritanopia

45.9735, 28.6524, 13.4633

Trichromacy



Original Color

47.7085, 28.6751, 21.1095

Protanomaly

32.0170, 26.2813, 28.5846

Deuteranomaly

34.1063, 27.0112, 19.9391

Tritanomaly

46.6490, 28.7057, 15.9140

Monochromacy



Original Color

47.7085, 28.6751, 21.1095

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

29.6993, 24.4466, 24.9831

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.7085, 28.6751, 21.1095 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, 82, 121)` looks like.

```
.text, #text, p{  
    color:rgb(255, 82, 121)  
}
```

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, 82, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 82, 121) }
```

Border

The CSS property to change the border of an element to XYZ 47.7085, 28.6751, 21.1095 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, 82, 121) }
```


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

```
.border{ border-color:rgb(255, 82, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 82, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 82, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 82, 121);  
box-shadow:4px 4px 4px 4px rgb(255, 82,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 47.7085, 28.6751, 21.1095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 82, 121) }
```

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

```
.background{ background-color: rgb(255, 82,  
121) }
```

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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