

Converting Colors

XYZ(48.3080, 27.4775, 28.6980)

Have a look what the booklet for
XYZ(48.3080, 27.4775, 28.6980)
contains.

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Color

**XYZ(48.3260, 27.4994,
28.7475)**

Conversions

Conversions Part 1

Format	Color
Hex	FF458F
RGB	255, 69, 143
RGB Percent	100%, 27%, 56%
CMY	0.0000, 0.7294, 0.4392
CMYK	0.00, 0.73, 0.44, 0.00
HSL	336°, 100%, 64%
HSV	336°, 73%, 100%
XYZ	48.3260, 27.4994, 28.7475
YIQ	133.0500, 87.1020, 62.4460

Conversions

Conversions Part 2

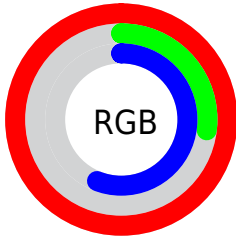
Format	Color
R _Y B	255, 69, 143
Decimal	16729487
CIE Lab	59.43, 73.93, 1.75
CIE LCh	59, 73.947, 1.359
Yxy	27.4994, 0.4621, 0.2630
Android (android.graphics.Color)	4294919567 (0xFFFF458F)
YUV	133.0500, 4.9054, 106.9502
Hunter-Lab	52.4399, 72.7270, 4.2052

Details

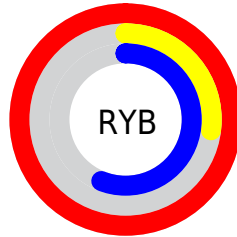
The XYZ color **48.3260, 27.4994, 28.7475** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **46.5567, 76.1221, 55.9617**, and the grayscale version is **22.2749, 23.4350, 25.5207**.

A 20% lighter version of the original color is **59.4343, 41.5238, 57.7057**, and **23.9681, 12.1278, 11.4336** is the 20% darker color. If you saturate the color by 10%, you get **45.9954, 24.5744, 22.6188**, and if you desaturate by 10%, it is **51.4906, 31.8378, 35.9403**.

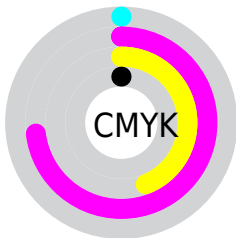
Distribution



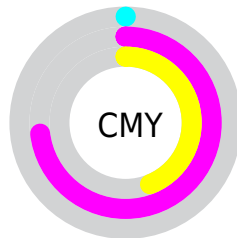
- Red (100%)
- Green (27%)
- Blue (56%)



- Red (100%)
- Yellow (27%)
- Blue (56%)



- Cyan (0%)
- Magenta (73%)
- Yellow (44%)
- Black (0%)





- Cyan (0%)
- Magenta (73%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.3260, 27.4994, 28.7475 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 48.3260, 27.4994, 28.7475 by changing the saturation by 10% instead.


 48.3260, 27.4994,
28.7475


 48.3260, 27.4994,
28.7475


370.6440,
290.0671, 310.0453


 34.2974, 17.9486,
18.6460


 86.8963, 55.6842,
58.7131


 23.2862, 10.9131,
11.2405


 112.1689, 75.0871,
79.4142


 14.9268, 6.0084,
6.1127


 141.9201, 98.5427,
104.4855

 8.8540, 2.8502,
2.8438

 176.5153,
126.4356, 134.3457

 4.7024, 1.0540,
1.0154

 216.3200,
159.1501, 169.4132

 2.1067, 0.0000,
0.0000

261.6994,

 0.6929, 0.0000,

197.0705, 210.1066

0.0000

313.0190,
240.5814, 256.8445

■ 0.0000, 0.0000,
0.0000

■ 48.3260, 27.4994,
28.7475

■ 48.3260, 27.4994,
28.7475

■ 45.9954, 24.5744,
22.6188

■ 51.4906, 31.8378,
35.9403

■ 44.3971, 22.8693,
17.4880

■ 55.5698, 37.7407,
44.2533

■ 43.6105, 22.2082,
14.4138

■ 60.6365, 45.3449,
53.7393

■ 66.7552, 54.7705,
64.4469

■ 73.9847, 66.1271,
76.4215

82.3794, 79.5152,
89.7058

91.9900, 95.0284,
104.3406

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.



45.1200, 27.4994, 61.7002



48.3260, 27.4994, 28.7475



44.5143, 27.4994, 10.4526

Triad

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



48.3260, 27.4994, 28.7475



17.9122, 27.4994, 4.0776



18.4875, 27.4994, 100.8520

Complementary

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



48.3260, 27.4994, 28.7475



46.5567, 76.1221, 55.9617

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.



13.6752, 27.4994, 65.1593



48.3260, 27.4994, 28.7475



13.4025, 27.4994, 11.5274

Square

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



48.3260, 27.4994, 28.7475



25.7168, 27.4994, 2.4072



12.0556, 27.4994, 31.1695



26.5625, 27.4994, 115.5208

Rectangle

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



48.3260, 27.4994, 28.7475



38.9294, 27.4994, 5.1439



12.0556, 27.4994, 31.1695



16.5082, 27.4994, 90.1710

Sweetspot

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



48.3267, 27.5009, 28.7480



74.7205, 67.2929, 77.6091



39.1424, 21.2539, 96.6468



15.5432, 13.6912, 15.8821



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.



48.3267, 27.5009, 28.7480



45.1018, 23.5721, 19.9004



45.7724, 28.6056, 8.7413



18.3087, 18.1068, 20.2427



22.8561, 11.6317, 7.8928



2.2775, 1.1534, 1.0428

Inverse Universe

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



48.3267, 27.5009, 28.7480



45.1018, 23.5721, 19.9004



50.6161, 68.7077, 105.2016



18.3087, 18.1068, 20.2427



22.8561, 11.6317, 7.8928



2.2775, 1.1534, 1.0428

Previews

White Background



This preview shows how the XYZ color 48.3260, 27.4994, 28.7475 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 48.3260, 27.4994, 28.7475 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 48.3260, 27.4994, 28.7475

Background



This preview shows how black text looks on a background with the XYZ color 48.3260, 27.4994, 28.7475.



This preview shows how white text looks on a background with the XYZ color 48.3260, 27.4994,

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

48.3260, 27.4994, 28.7475

Protanopia

28.0027, 27.7592, 50.8959

Deuteranopia

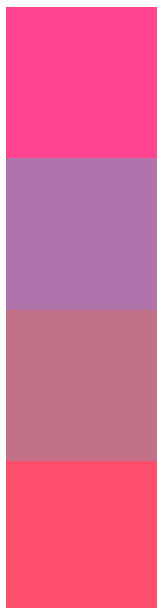
28.0895, 27.4753, 26.3770



Tritanopia

44.9584, 27.5701, 11.9688

Trichromacy



Original Color

48.3260, 27.4994, 28.7475

Protanomaly

31.3859, 24.4318, 41.5897

Deuteranomaly

32.9262, 25.2185, 26.7992

Tritanomaly

45.8862, 27.3930, 16.7788

Monochromacy



Original Color

48.3260, 27.4994, 28.7475

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

28.2227, 22.3051, 26.4847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3260, 27.4994, 28.7475 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, 69, 143)` looks like.

```
.text, #text, p{  
    color:rgb(255, 69, 143)  
}
```

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, 69, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 69, 143) }
```

Border

The CSS property to change the border of an element to XYZ 48.3260, 27.4994, 28.7475 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, 69, 143) }
```


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

```
.border{ border-color:rgb(255, 69, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 69, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 69, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 69, 143);  
box-shadow:4px 4px 4px 4px rgb(255, 69,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3260, 27.4994, 28.7475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 69, 143) }
```

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

```
.background{ background-color: rgb(255, 69,  
143) }
```

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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