

Converting Colors

XYZ(47.5028, 28.5447, 20.1749)

Have a look what the booklet for
XYZ(47.5028, 28.5447, 20.1749)
contains.

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Color

**XYZ(47.5273, 28.6026,
20.1554)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5276
RGB	255, 82, 118
RGB Percent	100%, 32%, 46%
CMY	0.0000, 0.6784, 0.5373
CMYK	0.00, 0.68, 0.54, 0.00
HSL	348°, 100%, 66%
HSV	348°, 68%, 100%
XYZ	47.5273, 28.6026, 20.1554
YIQ	137.8310, 91.5520, 47.8720

Conversions

Conversions Part 2

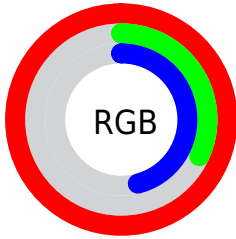
Format	Color
R _Y B	255, 82, 118
Decimal	16732790
CIE Lab	60.43, 67.42, 17.79
CIE LCh	60, 69.732, 14.782
Yxy	28.6026, 0.4936, 0.2971
Android (android.graphics.Color)	4294922870 (0xFFFF5276)
YUV	137.8310, -9.7767, 102.7572
Hunter-Lab	53.4814, 65.0351, 15.0925

Details

The XYZ color **47.5273, 28.6026, 20.1554** 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 **52.0280, 78.4291, 79.4211**, and the grayscale version is **24.1063, 25.3617, 27.6189**.

A 20% lighter version of the original color is **58.0206, 43.2120, 43.3129**, and **22.8437, 11.6487, 6.8388** is the 20% darker color. If you saturate the color by 10%, you get **44.8743, 25.0163, 13.9707**, and if you desaturate by 10%, it is **51.1526, 33.7229, 27.9321**.

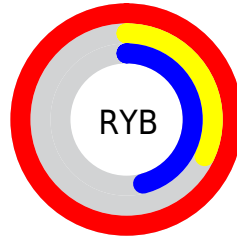
Distribution



Red (100%)

Green (32%)

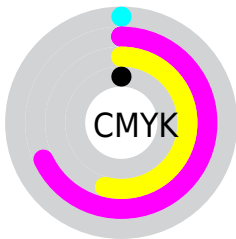
Blue (46%)



Red (100%)

Yellow (32%)

Blue (46%)

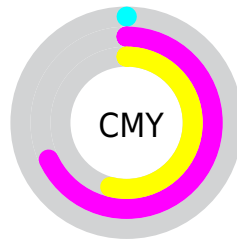


Cyan (0%)

Magenta (68%)

Yellow (54%)

Black (0%)



Cyan (0%)


Magenta (68%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.5273, 28.6026, 20.1554 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 47.5273, 28.6026, 20.1554 by changing the saturation by 10% instead.


 47.5273, 28.6026,
20.1554

 47.5273, 28.6026,
20.1554


367.5292,
295.3353, 265.3872

 33.6624, 18.7804,
12.3229


 85.7141, 57.4451,
44.5400


 22.7960, 11.5117,
6.8388


 110.7668, 77.2342,
61.9291

 14.5628, 6.4121,
3.2845


 140.2794,
101.1143, 83.3408

 8.5975, 3.0973,
1.2417


 174.6173,
129.4700, 109.1936

 4.5346, 1.1827,
0.0133

214.1459,
162.6855, 139.9061

 2.0088, 0.0475,
0.0000

259.2305,

 0.6389, 0.0000,

201.1453, 175.8969

0.0000

310.2365,
245.2338, 217.5844

■ 0.0000, 0.0000,
0.0000

■ 47.5273, 28.6026,
20.1554

■ 47.5273, 28.6026,
20.1554

■ 44.8743, 25.0163,
13.9707

■ 51.1526, 33.7229,
27.9321

■ 43.0913, 22.7850,
9.2616

■ 55.8341, 40.5201,
37.4025

■ 42.0486, 21.6791,
5.8938

■ 61.6488, 49.1263,
48.6612

■ 41.8836, 21.5174,
5.3201

■ 68.6659, 59.6588,
61.7951

■ 76.9487, 72.2252,
76.8856

86.5564, 86.9249,
94.0089

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.



47.4780, 28.6026, 46.0075



47.5273, 28.6026, 20.1554



41.3725, 28.6026, 7.6855

Triad

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



47.5273, 28.6026, 20.1554



16.7484, 28.6026, 7.5813



22.9015, 28.6026, 107.3574

Complementary

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



47.5273, 28.6026, 20.1554



52.0280, 78.4291, 79.4211

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.



16.6813, 28.6026, 80.5652



47.5273, 28.6026, 20.1554



13.6986, 28.6026, 19.8847

Square

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



47.5273, 28.6026, 20.1554



23.0149, 28.6026, 3.6268



13.6771, 28.6026, 45.5376



31.8327, 28.6026, 107.5798

Rectangle

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



47.5273, 28.6026, 20.1554



35.2245, 28.6026, 4.4108



13.6771, 28.6026, 45.5376



20.4740, 28.6026, 100.7032

Sweetspot

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



47.5280, 28.6042, 20.1559



75.0486, 69.3320, 73.4547



49.8378, 28.0876, 97.4020



15.5541, 14.0661, 14.7973



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.



47.5280, 28.6042, 20.1559



44.2220, 24.1735, 12.3283



50.8829, 38.1085, 12.6588



18.1639, 18.0489, 19.4804



21.9282, 11.2606, 3.0064



2.1725, 1.1114, 0.4897

Inverse Universe

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



47.5280, 28.6042, 20.1559



44.2220, 24.1735, 12.3283



43.5986, 53.1503, 102.5685



18.1639, 18.0489, 19.4804



21.9282, 11.2606, 3.0064



2.1725, 1.1114, 0.4897

Previews

White Background



This preview shows how the XYZ color 47.5273, 28.6026, 20.1554 looks on a white background.

Color Contrast Check

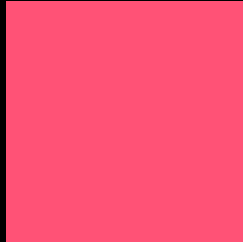
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.5273, 28.6026, 20.1554 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 47.5273, 28.6026, 20.1554

Background



This preview shows how black text looks on a background with the XYZ color 47.5273, 28.6026, 20.1554.



This preview shows how white text looks on a background with the XYZ color 47.5273, 28.6026,

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

47.5273, 28.6026, 20.1554

Protanopia

27.6630, 28.6559, 32.9273

Deuteranopia

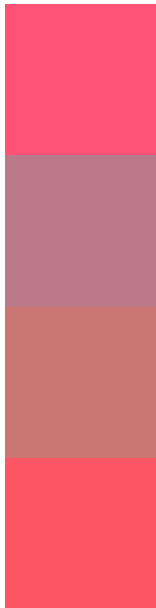
29.2058, 28.6526, 18.7430



Tritanopia

46.2130, 28.6599, 13.2214

Trichromacy



Original Color

47.5273, 28.6026, 20.1554

Protanomaly

31.7967, 26.1931, 27.4247

Deuteranomaly

33.9346, 26.9425, 19.0347

Tritanomaly

46.4705, 28.5074, 15.3651

Monochromacy



Original Color

47.5273, 28.6026, 20.1554

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

29.6312, 24.4193, 24.6244

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5273, 28.6026, 20.1554 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, 118)` looks like.

```
.text, #text, p{  
    color:rgb(255, 82, 118)  
}
```

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, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 82, 118) }
```

Border

The CSS property to change the border of an element to XYZ 47.5273, 28.6026, 20.1554 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, 118) }
```


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

```
.border{ border-color:rgb(255, 82, 118) }
```

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, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 82, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 82, 118);  
box-shadow:4px 4px 4px 4px rgb(255, 82,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5273, 28.6026, 20.1554 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, 118) }
```

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

```
.background{ background-color: rgb(255, 82,  
118) }
```

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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