

Converting Colors

XYZ(64.2038, 41.3298, 28.7911)

Have a look what the booklet for
XYZ(64.2038, 41.3298, 28.7911)
contains.

XYZ(51.7326, 34.9052, 28.0555)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(51.7326, 34.9052,
28.0555)**

Conversions

Conversions Part 1

Format	Color
Hex	FF718A
RGB	255, 113, 138
RGB Percent	100%, 44%, 54%
CMY	0.0000, 0.5568, 0.4588
CMYK	0.00, 0.56, 0.46, 0.00
HSL	349°, 100%, 72%
HSV	349°, 56%, 100%
XYZ	51.7326, 34.9052, 28.0555
YIQ	158.3080, 76.6070, 37.8790

Conversions

Conversions Part 2

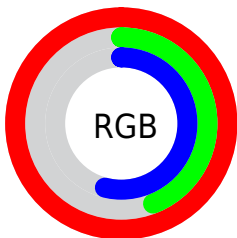
Format	Color
RYB	255, 113, 138
Decimal	16740746
CIELab	65.67, 56.19, 13.55
CIELCh	66, 57.801, 13.559
Yxy	34.9052, 0.4511, 0.3043
Android (android.graphics.Color)	4294930826 (0xFFFF718A)
YUV	158.3080, -10.0118, 84.7989
Hunter-Lab	59.0806, 52.9084, 13.2015

Details

The XYZ color **51.7326, 34.9052, 28.0555** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **56.8550, 80.7448, 87.4570**, and the grayscale version is **32.6601, 34.3610, 37.4191**.

A 20% lighter version of the original color is **64.8319, 53.3975, 56.1800**, and **25.4727, 15.1002, 10.8046** is the 20% darker color. If you saturate the color by 10%, you get **47.8997, 29.4430, 19.9848**, and if you desaturate by 10%, it is **56.6606, 42.0867, 37.9437**.

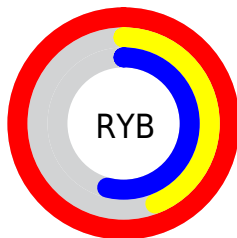
Distribution



Red (100%)

Green (44%)

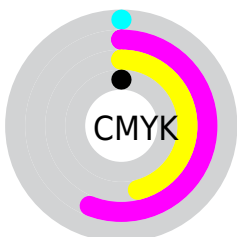
Blue (54%)



Red (100%)

Yellow (44%)

Blue (54%)

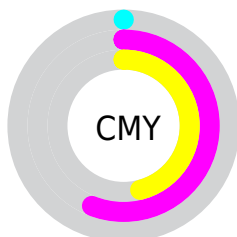


Cyan (0%)

Magenta (56%)

Yellow (46%)

Black (0%)



Cyan (0%)


Magenta (56%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.7326, 34.9052, 28.0555 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 51.7326, 34.9052, 28.0555 by changing the saturation by 10% instead.


 51.7326, 34.9052,
28.0555


 51.7326, 34.9052,
28.0555


383.7444,
324.1497, 306.6523


 37.0154, 23.5899,
18.1281


 91.9133, 67.3389,
57.5972

 25.3931, 15.0297,
10.8716


 118.1076, 89.2260,
78.0486

 16.5005, 8.8402,
5.8675


 148.8582,
115.4059, 102.8450

 9.9721, 4.6371,
2.6972

184.5305,
146.2628, 132.4051

 5.4426, 2.0360,
0.9420

225.4899,
182.1813, 167.1473

 2.5466, 0.6282,
0.0000

272.1018,

 0.9188, 0.0000,

223.5457, 207.4902

0.0000

324.7315,
270.7403, 253.8524

■ 0.0000, 0.0000,
0.0000

■ 51.7326, 34.9052,
28.0555

■ 51.7326, 34.9052,
28.0555

■ 47.8997, 29.4430,
19.9848

■ 56.6606, 42.0867,
37.9437

■ 45.0733, 25.5502,
13.6170

■ 62.7575, 51.1101,
49.7504

■ 43.1552, 23.0602,
8.8270

■ 70.0939, 62.0929,
63.5711

■ 42.0245, 21.7654,
5.4706

■ 78.7336, 75.1415,
79.4945

■ 41.7114, 21.4485,
4.4124

■ 88.7364, 90.3544,
97.6039

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



51.4471, 34.9052, 52.8497



51.7326, 34.9052, 28.0555



46.4831, 34.9052, 14.0176

Triad

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



51.7326, 34.9052, 28.0555



23.1415, 34.9052, 13.1791



28.7630, 34.9052, 102.8826

Complementary

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



51.7326, 34.9052, 28.0555



56.8550, 80.7448, 87.4570

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.



22.6875, 34.9052, 80.2383



51.7326, 34.9052, 28.0555



19.8417, 34.9052, 26.2394

Square

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



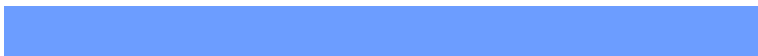
51.7326, 34.9052, 28.0555



29.4907, 34.9052, 8.2494



19.6912, 34.9052, 50.0680



37.1570, 34.9052, 104.0702

Rectangle

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



51.7326, 34.9052, 28.0555



40.9976, 34.9052, 9.6155



19.6912, 34.9052, 50.0680



26.4190, 34.9052, 97.1985

Sweetspot

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



51.7335, 34.9071, 28.0561



77.5192, 73.3014, 77.2743



56.2589, 35.6848, 98.5304



16.2054, 15.1041, 15.8305



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.



51.7335, 34.9071, 28.0561



47.4719, 28.8439, 19.0513



56.4432, 46.8967, 21.7023



18.1399, 18.0393, 19.3537



21.8327, 11.2224, 2.5034



2.1598, 1.1063, 0.4231

Inverse Universe

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



51.7335, 34.9071, 28.0561



47.4719, 28.8439, 19.0513



47.9165, 56.8421, 103.0538



18.1399, 18.0393, 19.3537



21.8327, 11.2224, 2.5034



2.1598, 1.1063, 0.4231

Previews

White Background



This preview shows how the XYZ color 51.7326, 34.9052, 28.0555 looks on a white background.

Color Contrast Check

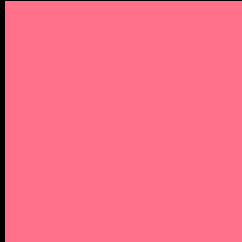
Large Text (above 18pt) WCAG AA × Fail

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 51.7326, 34.9052, 28.0555 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 ✓ Pass

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

XYZ 51.7326, 34.9052, 28.0555

Background



This preview shows how black text looks on a background with the XYZ color 51.7326, 34.9052, 28.0555.



This preview shows how white text looks on a background with the XYZ color 51.7326, 34.9052,

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

51.7326, 34.9052, 28.0555

Protanopia

33.8200, 35.0863, 39.1722

Deuteranopia

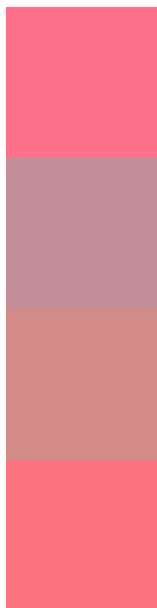
35.6599, 35.0642, 26.3613



Tritanopia

50.6936, 34.9917, 22.8211

Trichromacy



Original Color

51.7326, 34.9052, 28.0555

Protanomaly

38.1877, 33.3817, 34.5676

Deuteranomaly

40.1140, 33.8881, 26.9811

Tritanomaly

50.9001, 34.8908, 24.4739

Monochromacy



Original Color

51.7326, 34.9052, 28.0555

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

37.2512, 32.9178, 33.6686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7326, 34.9052, 28.0555 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, 113, 138)` looks like.

```
.text, #text, p{  
    color:rgb(255, 113, 138)  
}
```

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, 113, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 113, 138) }
```

Border

The CSS property to change the border of an element to XYZ 51.7326, 34.9052, 28.0555 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, 113, 138) }
```


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

```
.border{ border-color:rgb(255, 113, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 113, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 113, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 113, 138);  
box-shadow:4px 4px 4px 4px rgb(255, 113,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7326, 34.9052, 28.0555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 113, 138) }
```

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

```
.background{ background-color: rgb(255,  
113, 138) }
```

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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