

Converting Colors

XYZ(81.5216, 50.7698, 25.6086)

Have a look what the booklet for
XYZ(81.5216, 50.7698, 25.6086)
contains.

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Color

**XYZ(51.3162, 35.2831,
24.1843)**

Conversions

Conversions Part 1

Format	Color
Hex	FF747F
RGB	255, 116, 127
RGB Percent	100%, 45%, 50%
CMY	0.0000, 0.5451, 0.5020
CMYK	0.00, 0.55, 0.50, 0.00
HSL	355°, 100%, 73%
HSV	355°, 55%, 100%
XYZ	51.3162, 35.2831, 24.1843
YIQ	158.8150, 79.3130, 32.8890

Conversions

Conversions Part 2

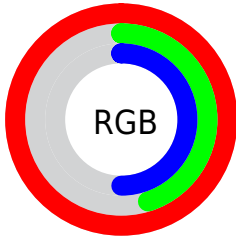
Format	Color
R _Y B	255, 116, 127
Decimal	16741503
CIE Lab	65.97, 53.83, 20.20
CIE LCh	66, 57.493, 20.574
Yxy	35.2831, 0.4632, 0.3185
Android (android.graphics.Color)	4294931583 (0xFFFF747F)
YUV	158.8150, -15.6848, 84.3542
Hunter-Lab	59.3996, 50.2596, 17.4400

Details

The XYZ color **51.3162, 35.2831, 24.1843** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **59.2937, 81.7655, 98.2510**, and the grayscale version is **32.9153, 34.6295, 37.7115**.

A 20% lighter version of the original color is **64.2307, 54.0603, 50.2294**, and **25.0362, 15.2250, 8.8269** is the 20% darker color. If you saturate the color by 10%, you get **47.4134, 29.6480, 16.1923**, and if you desaturate by 10%, it is **56.3840, 42.6776, 34.3248**.

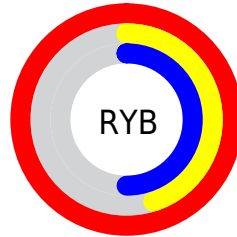
Distribution



Red (100%)

Green (45%)

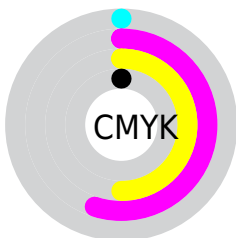
Blue (50%)



Red (100%)

Yellow (45%)

Blue (50%)

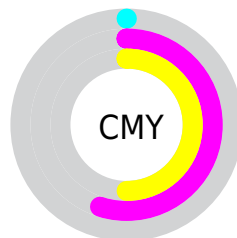


Cyan (0%)

Magenta (55%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (55%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.3162, 35.2831, 24.1843 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 51.3162, 35.2831, 24.1843 by changing the saturation by 10% instead.


 51.3162, 35.2831,
24.1843


 51.3162, 35.2831,
24.1843

382.1585,
325.8162, 287.0674

 36.6824, 23.8810,
15.2569


 91.3022, 67.9241,
51.2784

 25.1342, 15.2454,
8.8513


 117.3851, 89.9318,
70.2822

 16.3063, 8.9918,
4.5488


 148.0151,
116.2436, 93.4818

 9.8334, 4.7358,
1.9310

183.5575,
147.2437, 121.2959

 5.3501, 2.0931,
0.5124

224.3777,
183.3166, 154.1430

 2.4909, 0.6607,
0.0000

270.8410,

 0.8907, 0.0000,

224.8468, 192.4416

0.0000

323.3128,
272.2185, 236.6102

■ 0.0000, 0.0000,
0.0000

■ 51.3162, 35.2831,
24.1843

■ 51.3162, 35.2831,
24.1843

■ 47.4134, 29.6480,
16.1923

■ 56.3840, 42.6776,
34.3248

■ 44.5799, 25.6212,
10.1918

■ 62.6969, 51.9551,
46.7515

■ 42.7096, 23.0356,
6.0077

■ 70.3311, 63.2347,
61.5931

■ 41.6725, 21.6844,
3.4330

■ 79.3558, 76.6240,
78.9678

■ 41.3677, 21.3111,
2.6028

■ 89.8354, 92.2228,
98.9863

95.0499, 100.0000,
108.9000

Harmonies

Analogous

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



52.4169, 35.2831, 46.6193



51.3162, 35.2831, 24.1843



45.0442, 35.2831, 12.3893

Triad

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



51.3162, 35.2831, 24.1843



22.4127, 35.2831, 15.6713



30.9251, 35.2831, 105.7153

Complementary

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



51.3162, 35.2831, 24.1843



59.2937, 81.7655, 98.2510

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.



24.1759, 35.2831, 87.2066



51.3162, 35.2831, 24.1843



19.8392, 35.2831, 31.2386

Square

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



51.3162, 35.2831, 24.1843



28.1052, 35.2831, 9.1176



20.4249, 35.2831, 57.3611



39.6238, 35.2831, 101.1537

Rectangle

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



51.3162, 35.2831, 24.1843



39.2805, 35.2831, 8.9951



20.4249, 35.2831, 57.3611



28.3799, 35.2831, 101.7671

Sweetspot

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



51.3171, 35.2850, 24.1849



77.9172, 74.4864, 76.2077



61.4026, 38.8417, 98.8685



16.2643, 15.3297, 15.5178



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.



51.3171, 35.2850, 24.1849



47.2493, 29.4129, 15.8508



59.5137, 52.7629, 23.5731



18.0677, 18.0104, 18.9735



21.6359, 11.1437, 1.4672



2.1258, 1.0927, 0.2436

Inverse Universe

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



51.3171, 35.2850, 24.1849



47.2493, 29.4129, 15.8508



45.2395, 50.9054, 102.0489



18.0677, 18.0104, 18.9735



21.6359, 11.1437, 1.4672



2.1258, 1.0927, 0.2436

Previews

White Background



This preview shows how the XYZ color 51.3162, 35.2831, 24.1843 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 51.3162, 35.2831, 24.1843 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 51.3162, 35.2831, 24.1843

Background



This preview shows how black text looks on a background with the XYZ color 51.3162, 35.2831, 24.1843.



This preview shows how white text looks on a background with the XYZ color 51.3162, 35.2831,

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

51.3162, 35.2831, 24.1843

Protanopia

33.7215, 35.4185, 33.4929

Deuteranopia

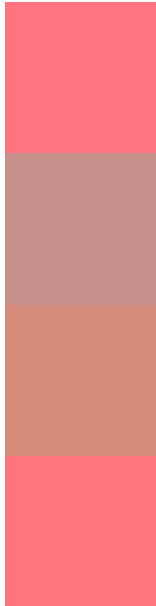
35.9931, 35.3105, 23.0077



Tritanopia

51.1235, 35.2060, 23.1697

Trichromacy



Original Color

51.3162, 35.2831, 24.1843

Protanomaly

38.0697, 33.8754, 29.7314

Deuteranomaly

40.3938, 34.3324, 23.2367

Tritanomaly

51.1871, 35.2315, 23.5045

Monochromacy



Original Color

51.3162, 35.2831, 24.1843

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

37.3371, 33.2208, 32.0481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3162, 35.2831, 24.1843 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, 116, 127)` looks like.

```
.text, #text, p{  
    color:rgb(255, 116, 127)  
}
```

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, 116, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 116, 127) }
```

Border

The CSS property to change the border of an element to XYZ 51.3162, 35.2831, 24.1843 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, 116, 127) }
```


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

```
.border{ border-color:rgb(255, 116, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 116, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 116, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 116, 127);  
box-shadow:4px 4px 4px 4px rgb(255, 116,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3162, 35.2831, 24.1843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 116, 127) }
```

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

```
.background{ background-color: rgb(255,  
116, 127) }
```

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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