

Converting Colors

XYZ(61.6756, 40.5225, 26.2133)

Have a look what the booklet for
XYZ(61.6756, 40.5225, 26.2133)
contains.

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Color

**XYZ(51.5821, 35.3895,
25.5849)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7483
RGB	255, 116, 131
RGB Percent	100%, 45%, 51%
CMY	0.0000, 0.5451, 0.4863
CMYK	0.00, 0.55, 0.49, 0.00
HSL	354°, 100%, 73%
HSV	354°, 55%, 100%
XYZ	51.5821, 35.3895, 25.5849
YIQ	159.2710, 78.0290, 34.1330

Conversions

Conversions Part 2

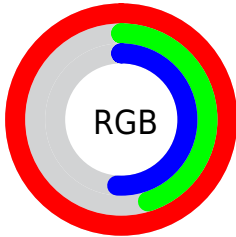
Format	Color
R_{YB}	255, 116, 131
Decimal	16741507
CIE _{Lab}	66.05, 54.17, 18.05
CIE _{LCh}	66, 57.101, 18.429
Yxy	35.3895, 0.4583, 0.3144
Android (android.graphics.Color)	4294931587 (0xFFFF7483)
YUV	159.2710, -13.9376, 83.9543
Hunter-Lab	59.4891, 50.6688, 16.1431

Details

The XYZ color **51.5821, 35.3895, 25.5849** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **58.6927, 81.5250, 95.0862**, and the grayscale version is **33.1167, 34.8414, 37.9423**.

A 20% lighter version of the original color is **64.6443, 54.2257, 52.4069**, and **25.4399, 15.4160, 9.6174** is the 20% darker color. If you saturate the color by 10%, you get **47.6592, 29.7464, 17.4873**, and if you desaturate by 10%, it is **56.6518, 42.7848, 35.7353**.

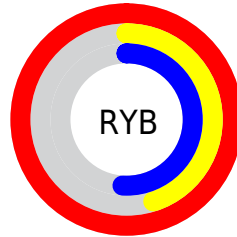
Distribution



Red (100%)

Green (45%)

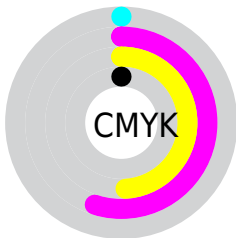
Blue (51%)



Red (100%)

Yellow (45%)

Blue (51%)

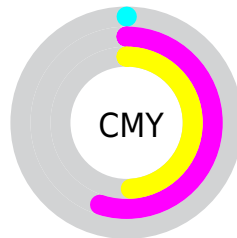


Cyan (0%)

Magenta (55%)

Yellow (49%)

Black (0%)



Cyan (0%)

Magenta (55%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.5821, 35.3895, 25.5849 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 51.5821, 35.3895, 25.5849 by changing the saturation by 10% instead.


 51.5821, 35.3895,
25.5849


 51.5821, 35.3895,
25.5849


383.1717,
326.2842, 294.2788


 36.8950, 23.9631,
16.2904


 91.6925, 68.0887,
53.5804

 25.2995, 15.3062,
9.5733


 117.8465, 90.1303,
73.1184

 16.4303, 9.0346,
5.0151


 148.5536,
116.4791, 96.9080

 9.9219, 4.7637,
2.1972

184.1790,
147.5194, 125.3677

 5.4091, 2.1093,
0.6728

225.0882,
183.6357, 158.9161

 2.5264, 0.6699,
0.0000

271.6465,

 0.9086, 0.0000,

225.2123, 197.9718

0.0000

324.2192,
272.6337, 242.9531

■ 0.0000, 0.0000,
0.0000

■ 51.5821, 35.3895,
25.5849

■ 51.5821, 35.3895,
25.5849

■ 47.6592, 29.7464,
17.4873

■ 56.6518, 42.7848,
35.7353

■ 44.7903, 25.7054,
11.3002

■ 62.9461, 52.0549,
48.0639

■ 42.8725, 23.1007,
6.8657

■ 70.5390, 63.3180,
62.6883

■ 41.7800, 21.7274,
3.9995

■ 79.4980, 76.6809,
79.7170

■ 41.4436, 21.3414,
3.0028

■ 89.8857, 92.2430,
99.2517

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.



52.2557, 35.3895, 48.6710



51.5821, 35.3895, 25.5849



45.6471, 35.3895, 13.1054

Triad

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



51.5821, 35.3895, 25.5849



22.8608, 35.3895, 15.1238



30.4733, 35.3895, 104.7038

Complementary

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



51.5821, 35.3895, 25.5849



58.6927, 81.5250, 95.0862

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.



23.9426, 35.3895, 85.0433



51.5821, 35.3895, 25.5849



20.0669, 35.3895, 29.9109

Square

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



51.5821, 35.3895, 25.5849



28.7447, 35.3895, 9.0536



20.4265, 35.3895, 55.2456



39.0544, 35.3895, 101.9162

Rectangle

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



51.5821, 35.3895, 25.5849



39.9894, 35.3895, 9.3910



20.4265, 35.3895, 55.2456



27.9951, 35.3895, 100.2513

Sweetspot

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



51.5830, 35.3914, 25.5855



78.0709, 74.5479, 77.0171



59.8200, 38.0259, 98.7942



16.3004, 15.3441, 15.7077



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.



51.5830, 35.3914, 25.5855



47.4938, 29.5107, 17.1384



58.6344, 51.0044, 23.2801



18.0890, 18.0189, 19.0858



21.6807, 11.1616, 1.7033



2.1358, 1.0967, 0.2966

Inverse Universe

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



51.5830, 35.3914, 25.5855



47.4938, 29.5107, 17.1384



46.3083, 53.0432, 102.4050



18.0890, 18.0189, 19.0858



21.6807, 11.1616, 1.7033



2.1358, 1.0967, 0.2966

Previews

White Background



This preview shows how the XYZ color 51.5821, 35.3895, 25.5849 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 51.5821, 35.3895, 25.5849 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 51.5821, 35.3895, 25.5849

Background



This preview shows how black text looks on a background with the XYZ color 51.5821, 35.3895, 25.5849.



This preview shows how white text looks on a background with the XYZ color 51.5821, 35.3895,

25.5849.

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

51.5821, 35.3895, 25.5849

Protanopia

34.0465, 35.5485, 35.2041

Deuteranopia

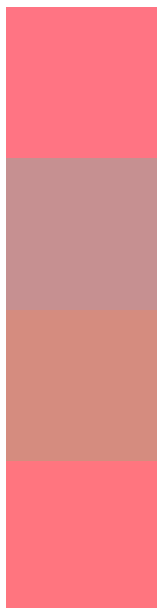
36.2435, 35.4107, 24.3267



Tritanopia

51.3030, 35.4632, 23.5432

Trichromacy



Original Color

51.5821, 35.3895, 25.5849

Protanomaly

38.3728, 33.9966, 31.3276

Deuteranomaly

40.6494, 34.4346, 24.5828

Tritanomaly

51.4321, 35.5149, 24.2230

Monochromacy



Original Color

51.5821, 35.3895, 25.5849

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

37.4954, 33.2842, 32.8820

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5821, 35.3895, 25.5849 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, 131)` looks like.

```
.text, #text, p{  
    color:rgb(255, 116, 131)  
}
```

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, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 116, 131) }
```

Border

The CSS property to change the border of an element to XYZ 51.5821, 35.3895, 25.5849 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, 131) }
```


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

```
.border{ border-color:rgb(255, 116, 131) }
```

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, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 116, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 116, 131);  
box-shadow:4px 4px 4px 4px rgb(255, 116,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5821, 35.3895, 25.5849 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, 131) }
```

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

```
.background{ background-color: rgb(255,  
116, 131) }
```

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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