

Converting Colors

XYZ(50.5037, 35.8685, 26.0001)

Have a look what the booklet for
XYZ(50.5037, 35.8685, 26.0001)
contains.

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Color

**XYZ(50.5487, 35.9090,
26.0967)**

Conversions

Conversions Part 1

Format	Color
Hex	FA7A84
RGB	250, 122, 132
RGB Percent	98%, 48%, 52%
CMY	0.0196, 0.5215, 0.4823
CMYK	0.00, 0.51, 0.47, 0.02
HSL	355°, 93%, 73%
HSV	355°, 51%, 98%
XYZ	50.5487, 35.9090, 26.0967
YIQ	161.4120, 73.0780, 30.2460

Conversions

Conversions Part 2

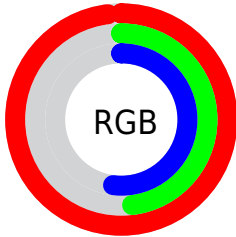
Format	Color
R_{YB}	250, 122, 132
Decimal	16415364
CIE _{Lab}	66.45, 49.71, 17.92
CIE _{LCh}	66, 52.841, 19.826
Yxy	35.9090, 0.4491, 0.3190
Android (android.graphics.Color)	4294605444 (0xFFFA7A84)
YUV	161.4120, -14.5001, 77.6917
Hunter-Lab	59.9241, 45.7056, 16.1263

Details

The XYZ color **50.5487, 35.9090, 26.0967** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **57.9418, 78.8008, 94.5994**, and the grayscale version is **34.1107, 35.8871, 39.0811**.

A 20% lighter version of the original color is **65.7191, 56.2071, 53.2842**, and **24.6147, 15.5776, 9.8931** is the 20% darker color. If you saturate the color by 10%, you get **46.4574, 29.9779, 17.7924**, and if you desaturate by 10%, it is **55.7796, 43.5620, 36.5003**.

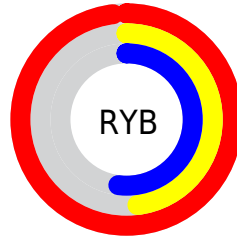
Distribution



Red (98%)

Green (48%)

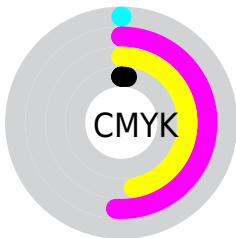
Blue (52%)



Red (98%)

Yellow (48%)

Blue (52%)

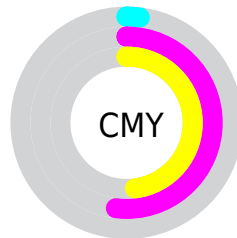


Cyan (0%)

Magenta (51%)

Yellow (47%)

Black (2%)



Cyan (2%)


Magenta (52%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.5487, 35.9090, 26.0967 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 50.5487, 35.9090, 26.0967 by changing the saturation by 10% instead.


 50.5487, 35.9090,
26.0967


 50.5487, 35.9090,
26.0967


379.2244,
328.5626, 296.8770

 36.0692, 24.3639,
16.6696


 90.1743, 68.8916,
54.4169

 24.6580, 15.6038,
9.8397


 116.0510, 91.0979,
74.1471

 15.9498, 9.2442,
5.1886


 146.4576,
117.6267, 98.1487

 9.5792, 4.9008,
2.2977

181.7593,
148.8625, 126.8402

 5.1810, 2.1892,
0.7299

222.3214,
185.1895, 160.6403

 2.3897, 0.7141,
0.0000

268.5094,

 0.8400, 0.0000,

226.9923, 199.9674

0.0000

320.6887,
274.6552, 245.2402

■ 0.0000, 0.0000,
0.0000

■ 50.5487, 35.9090,
26.0967

■ 50.5487, 35.9090,
26.0967

■ 46.4574, 29.9779,
17.7924

■ 55.7796, 43.5620,
36.5003

■ 43.4180, 25.6300,
11.4427

■ 62.2238, 53.0502,
49.1307

■ 41.3342, 22.7149,
6.8875

■ 69.9519, 64.4838,
64.1076

■ 40.0910, 21.0499,
3.9405

■ 79.0283, 77.9629,
81.5415

■ 39.5462, 20.3727,
2.4876

■ 89.5131, 93.5804,
101.5360

93.2342, 99.0639,
108.8150

Harmonies

Analogous

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



51.4151, 35.9090, 47.3167



50.5487, 35.9090, 26.0967



44.9237, 35.9090, 14.3502

Triad

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



50.5487, 35.9090, 26.0967



23.7693, 35.9090, 17.1774



31.5114, 35.9090, 99.6302

Complementary

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



50.5487, 35.9090, 26.0967



57.9418, 78.8008, 94.5994

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.



25.2212, 35.9090, 82.7719



50.5487, 35.9090, 26.0967



21.2317, 35.9090, 31.8922

Square

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



50.5487, 35.9090, 26.0967



29.2229, 35.9090, 10.7534



21.7186, 35.9090, 55.8297



39.5588, 35.9090, 96.1293

Rectangle

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



50.5487, 35.9090, 26.0967



39.6545, 35.9090, 10.7916



21.7186, 35.9090, 55.8297



29.1448, 35.9090, 95.9649

Sweetspot

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



50.5496, 35.9109, 26.0973



78.8718, 75.9103, 78.0224



59.9251, 39.2319, 94.8563



16.4523, 15.6100, 15.8750



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.



50.5496, 35.9109, 26.0973



48.6467, 31.4300, 18.7138



58.3333, 52.5208, 25.4779



17.2996, 17.2472, 18.1674



20.9962, 10.8142, 1.4227



1.9630, 1.0089, 0.2285

Inverse Universe

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



50.5496, 35.9109, 26.0973



48.6467, 31.4300, 18.7138



45.1737, 50.8229, 97.8710



17.2996, 17.2472, 18.1674



20.9962, 10.8142, 1.4227



1.9630, 1.0089, 0.2285

Previews

White Background



This preview shows how the XYZ color 50.5487, 35.9090, 26.0967 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 50.5487, 35.9090, 26.0967 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 50.5487, 35.9090, 26.0967

Background



This preview shows how black text looks on a background with the XYZ color 50.5487, 35.9090, 26.0967.



This preview shows how white text looks on a background with the XYZ color 50.5487, 35.9090,

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

50.5487, 35.9090, 26.0967

Protanopia

34.3487, 35.9722, 34.8387

Deuteranopia

36.7224, 35.8962, 24.7318



Tritanopia

50.4806, 35.8818, 25.7380

Trichromacy



Original Color

50.5487, 35.9090, 26.0967

Protanomaly

38.5705, 34.7821, 31.4688

Deuteranomaly

40.8701, 35.2005, 25.0624

Tritanomaly

50.4806, 35.8818, 25.7380

Monochromacy



Original Color

50.5487, 35.9090, 26.0967

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

37.9311, 34.4069, 33.4962

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5487, 35.9090, 26.0967 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(250, 122, 132)` looks like.

```
.text, #text, p{  
    color:rgb(250, 122, 132)  
}
```

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(250, 122, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 122, 132) }
```

Border

The CSS property to change the border of an element to XYZ 50.5487, 35.9090, 26.0967 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(250, 122, 132) }
```


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

```
.border{ border-color:rgb(250, 122, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 122, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 122, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 122, 132);  
box-shadow:4px 4px 4px 4px rgb(250, 122,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5487, 35.9090, 26.0967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 122, 132) }
```

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

```
.background{ background-color: rgb(250,  
122, 132) }
```

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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