

Converting Colors

XYZ(37.6482, 19.1317, 26.6351)

Have a look what the booklet for
XYZ(37.6482, 19.1317, 26.6351)
contains.

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Color

**XYZ(37.5520, 19.0870,
26.5159)**

Conversions

Conversions Part 1

Format	Color
Hex	E6108C
RGB	230, 16, 140
RGB Percent	90%, 6%, 55%
CMY	0.0980, 0.9371, 0.4510
CMYK	0.00, 0.93, 0.39, 0.10
HSL	325°, 87%, 48%
HSV	325°, 93%, 90%
XYZ	37.5520, 19.0870, 26.5159
YIQ	94.1220, 87.7400, 83.9320

Conversions

Conversions Part 2

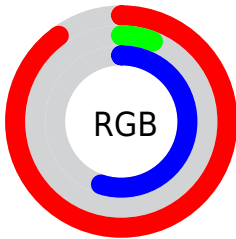
Format	Color
RYB	230, 16, 140
Decimal	15077516
CIELab	50.79, 79.01, -9.74
CIELCh	51, 79.605, 352.971
Yxy	19.0870, 0.4516, 0.2295
Android (android.graphics.Color)	4293267596 (0xFFE6108C)
YUV	94.1220, 22.6179, 119.1650
Hunter-Lab	43.6887, 76.9721, -5.4027

Details

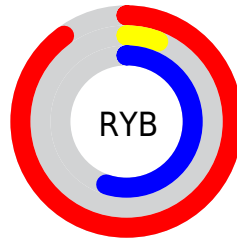
The XYZ color **37.5520, 19.0870, 26.5159** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **31.1145, 57.7454, 23.1516**, and the grayscale version is **10.6065, 11.1589, 12.1520**.

A 20% lighter version of the original color is **55.2333, 33.8456, 54.0738**, and **17.9939, 9.0630, 10.4738** is the 20% darker color. If you saturate the color by 10%, you get **36.8843, 18.5235, 23.9141**, and if you desaturate by 10%, it is **38.8387, 20.4680, 30.6208**.

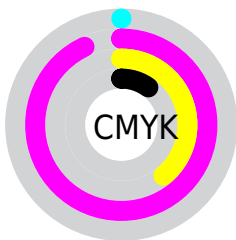
Distribution



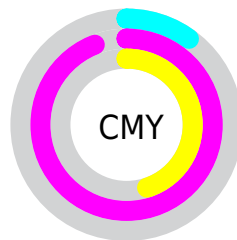
- Red (90%)
- Green (6%)
- Blue (55%)



- Red (90%)
- Yellow (6%)
- Blue (55%)



- Cyan (0%)
- Magenta (93%)
- Yellow (39%)
- Black (10%)





- Cyan (10%)
- Magenta (94%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.5520, 19.0870, 26.5159 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 37.5520, 19.0870, 26.5159 by changing the saturation by 10% instead.


 37.5520, 19.0870,
26.5159


 37.5520, 19.0870,
26.5159


327.0084,
246.9286, 298.9912


 25.8108, 11.7332,
16.9808


 70.7293, 41.8811,
55.1003


 16.8141, 6.5623,
10.0590


 92.8961, 58.0901,
74.9867

 10.1965, 3.1899,
5.3320


 119.2688, 78.0196,
99.1605

 5.5927, 1.2317,
2.3812

 150.2128,
102.0540, 128.0404

 2.6373, 0.0873,
0.7762

 186.0934,
130.5777, 162.0449

 0.9650, 0.0000,
0.0000

 227.2759,

 0.0000, 0.0000,

163.9751, 201.5925

0.0000

274.1258,
202.6306, 247.1017

■ 37.5520, 19.0870,
26.5159

■ 37.5520, 19.0870,
26.5159

■ 36.8843, 18.5235,
23.9141

■ 38.8387, 20.4680,
30.6208

■ 40.6461, 22.7875,
35.2162

■ 43.0481, 26.1912,
40.3344

■ 46.1057, 30.7983,
46.0027

■ 49.8716, 36.7123,
52.2456

■ 54.3932, 44.0256,
59.0857

■ 59.7134, 52.8221,
66.5437

■ 65.8718, 63.1788,
74.6392

■ 72.9054, 75.1678,
83.3906

Harmonies

Analogous

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



33.0033, 19.0870, 59.0441



37.5520, 19.0870, 26.5159



35.8247, 19.0870, 8.0920

Triad

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



37.5520, 19.0870, 26.5159



12.8795, 19.0870, 0.9984



10.5040, 19.0870, 77.6730

Complementary

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



37.5520, 19.0870, 26.5159



31.1145, 57.7454, 23.1516

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.



7.5138, 19.0870, 42.5487



37.5520, 19.0870, 26.5159



8.5843, 19.0870, 4.1327

Square

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



37.5520, 19.0870, 26.5159



20.0464, 19.0870, 0.5985



6.9294, 19.0870, 15.9416



16.3615, 19.0870, 99.6198

Rectangle

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



37.5520, 19.0870, 26.5159



31.5316, 19.0870, 3.0730



6.9294, 19.0870, 15.9416



9.2076, 19.0870, 66.1780

Sweetspot

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



37.5526, 19.0881, 26.5162



71.8836, 60.8095, 79.1593



20.3165, 9.0995, 75.5483



14.7837, 12.0243, 16.0848



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.



37.5526, 19.0881, 26.5162



46.5647, 23.3899, 29.9693



33.1057, 17.3094, 3.0995



14.7253, 14.5073, 16.7540



20.9442, 10.5119, 13.8672



1.5938, 0.7953, 1.2677

Inverse Universe

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



37.5526, 19.0881, 26.5162



46.5647, 23.3899, 29.9693



40.4161, 61.4660, 72.1335



14.7253, 14.5073, 16.7540



20.9442, 10.5119, 13.8672



1.5938, 0.7953, 1.2677

Previews

White Background



This preview shows how the XYZ color 37.5520, 19.0870, 26.5159 looks on a white background.

Color Contrast Check

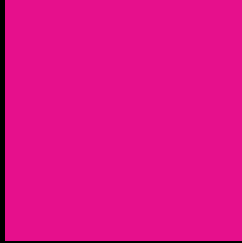
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.5520, 19.0870, 26.5159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

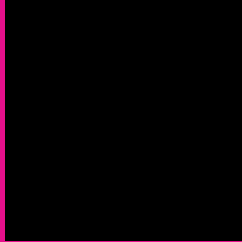
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 37.5520, 19.0870, 26.5159

Background



This preview shows how black text looks on a background with the XYZ color 37.5520, 19.0870, 26.5159.



This preview shows how white text looks on a background with the XYZ color 37.5520, 19.0870,

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

37.5520, 19.0870, 26.5159

Protanopia

21.3582, 19.7767, 57.3352

Deuteranopia

19.7136, 19.3144, 23.8081



Tritanopia

33.3039, 19.2496, 6.0979

Trichromacy



Original Color

37.5520, 19.0870, 26.5159



Protanomaly

22.0377, 14.9117, 43.8362



Deuteranomaly

22.9714, 15.7131, 24.3765



Tritanomaly

34.2680, 18.6914, 11.0342

Monochromacy



Original Color

37.5520, 19.0870, 26.5159



Achromatopsia

10.6392, 11.1932, 12.1894



Achromatomaly

16.1452, 10.8838, 16.2888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5520, 19.0870, 26.5159 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(230, 16, 140)` looks like.

```
.text, #text, p{  
  color:rgb(230, 16, 140)  
}
```

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(230, 16, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 16, 140) }
```

Border

The CSS property to change the border of an element to XYZ 37.5520, 19.0870, 26.5159 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(230, 16, 140) }
```


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

```
.border{ border-color:rgb(230, 16, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 16, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 16, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 16, 140);  
box-shadow:4px 4px 4px 4px rgb(230, 16,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5520, 19.0870, 26.5159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 16, 140) }
```

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

```
.background{ background-color: rgb(230, 16,  
140) }
```

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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