

Converting Colors

XYZ(37.0074, 26.1405, 21.3564)

Have a look what the booklet for
XYZ(37.0074, 26.1405, 21.3564)
contains.

XYZ(37.1797, 26.2600, 21.5215)	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(37.1797, 26.2600,
21.5215)**

Conversions

Conversions Part 1

Format	Color
Hex	D9697A
RGB	217, 105, 122
RGB Percent	85%, 41%, 48%
CMY	0.1490, 0.5882, 0.5216
CMYK	0.00, 0.52, 0.44, 0.15
HSL	351°, 60%, 63%
HSV	351°, 52%, 85%
XYZ	37.1797, 26.2600, 21.5215
YIQ	140.4260, 61.2950, 29.0310

Conversions

Conversions Part 2

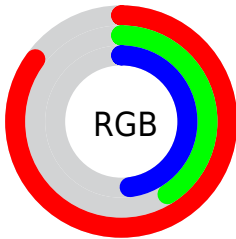
Format	Color
RYB	217, 105, 122
Decimal	14248314
CIELab	58.28, 45.49, 11.57
CIElCh	58, 46.936, 14.273
Yxy	26.2600, 0.4376, 0.3091
Android (android.graphics.Color)	4292438394 (0xFFD9697A)
YUV	140.4260, -9.0840, 67.1554
Hunter-Lab	51.2445, 39.8301, 10.9707

Details

The XYZ color **37.1797, 26.2600, 21.5215** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **41.0653, 56.7997, 63.4461**, and the grayscale version is **25.1114, 26.4192, 28.7705**.

A 20% lighter version of the original color is **61.2781, 49.1123, 46.2943**, and **16.5646, 10.2195, 7.5781** is the 20% darker color. If you saturate the color by 10%, you get **34.2101, 21.9765, 15.4276**, and if you desaturate by 10%, it is **40.9305, 31.7603, 28.9421**.

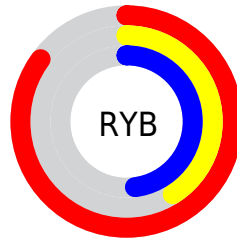
Distribution



Red (85%)

Green (41%)

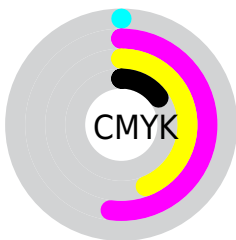
Blue (48%)



Red (85%)

Yellow (41%)

Blue (48%)

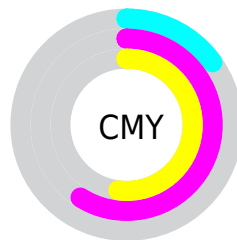


Cyan (0%)

Magenta (52%)

Yellow (44%)

Black (15%)



Cyan (15%)


Magenta (59%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.1797, 26.2600, 21.5215 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 37.1797, 26.2600, 21.5215 by changing the saturation by 10% instead.


 37.1797, 26.2600,
21.5215


 37.1797, 26.2600,
21.5215


325.4299,
284.0561, 272.9086


 25.5210, 17.0182,
13.3108


 70.1611, 53.6941,
46.8459


 16.5964, 10.2475,
7.5097


 92.2145, 72.6552,
64.7966

 10.0407, 5.5634,
3.6996


 118.4635, 95.6249,
86.8311

 5.4884, 2.5814,
1.4620

 149.2735,
122.9876, 113.3678

 2.5743, 0.9173,
0.1894

185.0097,
155.1277, 144.8254

 0.9329, 0.0000,
0.0000

226.0376,

 0.0000, 0.0000,

192.4295, 181.6224

0.0000

272.7226,
235.2775, 224.1773

■ 37.1797, 26.2600,
21.5215

■ 37.1797, 26.2600,
21.5215

■ 34.2101, 21.9765,
15.4276

■ 40.9305, 31.7603,
28.9421

■ 31.9637, 18.8132,
10.5799

■ 45.5110, 38.5561,
37.7603

■ 30.3774, 16.6656,
6.8913


■ 50.9679, 46.7243,
48.0437


■ 29.3761, 15.4075,
4.2624


■ 57.3441, 56.3348,
59.8551

■ 28.8887, 14.8611,
2.7795

■ 64.6794, 67.4524,
73.2535

 73.0114, 80.1382,
88.2950

 81.7643, 93.2273,
104.8289

 82.4252, 93.4917,
108.3092

Harmonies

Analogous

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



37.0858, 26.2600, 37.9877



37.1797, 26.2600, 21.5215



33.6724, 26.2600, 11.7834

Triad

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



37.1797, 26.2600, 21.5215



18.0543, 26.2600, 11.4739



22.1008, 26.2600, 70.7806

Complementary

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



37.1797, 26.2600, 21.5215



41.0653, 56.7997, 63.4461

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.



17.8961, 26.2600, 56.6301



37.1797, 26.2600, 21.5215



15.8145, 26.2600, 20.8904

Square

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



37.1797, 26.2600, 21.5215



22.3498, 26.2600, 7.6666



15.7614, 26.2600, 37.0644



27.7645, 26.2600, 71.1589

Rectangle

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



37.1797, 26.2600, 21.5215



30.0336, 26.2600, 8.5939



15.7614, 26.2600, 37.0644



20.4915, 26.2600, 67.2908

Sweetspot

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



37.1804, 26.2614, 21.5220



79.2477, 76.0606, 80.0017



40.9535, 27.1655, 68.7305



16.5414, 15.6456, 16.3445



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.



37.1804, 26.2614, 21.5220



48.9499, 31.1687, 21.4902



40.8887, 35.2184, 18.0092



13.1362, 13.0836, 13.9783



17.5121, 9.0059, 1.8110



1.1604, 0.5938, 0.2535

Inverse Universe

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



37.1804, 26.2614, 21.5220



48.9499, 31.1687, 21.4902



34.6053, 40.5223, 71.6432



13.1362, 13.0836, 13.9783



17.5121, 9.0059, 1.8110



1.1604, 0.5938, 0.2535

Previews

White Background



This preview shows how the XYZ color 37.1797, 26.2600, 21.5215 looks on a white background.

Color Contrast Check

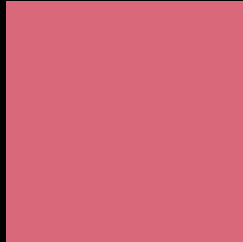
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.1797, 26.2600, 21.5215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

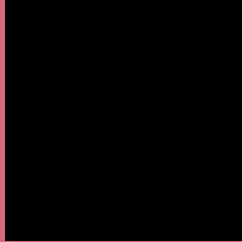
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 37.1797, 26.2600, 21.5215

Background



This preview shows how black text looks on a background with the XYZ color 37.1797, 26.2600, 21.5215.



This preview shows how white text looks on a background with the XYZ color 37.1797, 26.2600,

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

37.1797, 26.2600, 21.5215

Protanopia

25.5135, 26.5189, 28.9733

Deuteranopia

26.7752, 26.2937, 20.4936



Tritanopia

36.5102, 26.1219, 19.0373

Trichromacy



Original Color

37.1797, 26.2600, 21.5215

Protanomaly

28.4700, 25.4460, 25.9653

Deuteranomaly

29.8288, 25.6923, 20.8397

Tritanomaly

36.6838, 26.1914, 19.9516

Monochromacy



Original Color

37.1797, 26.2600, 21.5215

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

27.9715, 25.1970, 25.5796

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1797, 26.2600, 21.5215 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(217, 105, 122)` looks like.

```
.text, #text, p{  
    color:rgb(217, 105, 122)  
}
```

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(217, 105, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 105, 122) }
```

Border

The CSS property to change the border of an element to XYZ 37.1797, 26.2600, 21.5215 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(217, 105, 122) }
```


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

```
.border{ border-color:rgb(217, 105, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 105, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 105, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 105, 122);  
box-shadow:4px 4px 4px 4px rgb(217, 105,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1797, 26.2600, 21.5215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 105, 122) }
```

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

```
.background{ background-color: rgb(217,  
105, 122) }
```

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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